

State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

STATE WATER PROJECT OPERATIONS DATA

For the month of:
February
2008

Edmund G. Brown Jr.
Governor
State of California

John Laird
Secretary for Resources
The Resources Agency

Mark Cowin
Director
Department of Water Resources

This monthly report of operational data for the State Water Project has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at <http://www.water.ca.gov/swp/operationscontrol/projectwide.cfm>. It provides the State Water Service Contractors, public agencies, consultants and others with the daily and monthly status of the Project's water and power operations.

Revisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

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The organization shown above represents staff and positions relevant to this report as of publication date on December 2011. It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

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MONTHLY HIGHLIGHTS

The following highlights are activities or actions that impacted State Water Project operations during the month of February 2008.

Statewide precipitation was about 100 percent of average for the 2007 - 2008 water-year through February 29. Statewide runoff was 60 percent of average for the water year. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available via the internet at: "http://cdec.water.ca.gov/snow_rain.html".

Snow pack water content overall was about 130 percent of average at the end of February compared to 70 percent at this time in 2007. The pack was 110 percent of the April 1 average, which is the normal date of maximum accumulation.

Snowpack and runoff data are compiled four times a year, for the months of January, February, March, and April, by the California Department of Water Resources in Bulletin 120. The Bulletin also contains forecasts of the volume of seasonal runoff from the state's major watersheds, summaries of precipitation, and reservoir storages in various regions of the State. Runoff through February 2008 was 60 percent of average and the estimated runoff of the eight major rivers of the Sacramento and San Joaquin River regions was 1.8 maf.

Statewide reservoir storage was 85% of average to date. Total storage in major SWP reservoirs at the end of February 2008 was about 2.95 maf, compared with about 4.68 maf at this time in 2007. On February 29, 2008, end-of-month storage at Lake Oroville was about 1.45 maf, as compared to 3.0 maf at this time in 2007. The State share of San Luis Reservoir's end-of-month storage was about 912 taf, as compared with 1,150 taf at this time in 2007. The combined storage in SWP's southern reservoirs was about 583 taf, compared with about 517 taf at this time in 2007.

SWP water deliveries to date through February 2008 were about 240 taf. This is a combination of project, transfer, and exchange waters. Total deliveries through this same period in 2007 were 622 taf.

The Coordinated Operations Agreement (COA) remained in "Excess" conditions throughout the month of February 2008.

On February 18, Southern Field Division reported work to move the Sheriff's boat dock in Pyramid Lake was completed. The dock was moved to deeper water and secured. The lake elevation restriction of 2575.5 ft was removed.

Table 1. Antelope Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 22,566 ac-ft

February 2008

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract	Water Right				
Jan 31	4988.47	11,973								
1	4988.44	11,954	-19	20	0	0	0	1	21	
2	4988.44	11,954	0	20	0	0	0	1	21	
3	4988.44	11,954	0	20	0	0	0	1	21	
4	4988.36	11,904	-50	20	0	0	0	1	21	
5	4988.32	11,878	-26	20	0	0	0	1	21	
6	4988.27	11,847	-31	20	0	0	0	1	21	
7	4988.22	11,815	-32	20	0	0	0	1	21	
8	4988.19	11,796	-19	20	0	0	0	1	21	
9	4988.15	11,771	-25	20	0	0	0	1	21	
10	4988.11	11,746	-25	20	0	0	0	1	21	
11	4988.07	11,721	-25	20	0	0	0	1	21	
12	4988.05	11,708	-13	20	0	0	0	1	21	
13	4988.01	11,683	-25	20	0	0	0	1	21	
14	4988.00	11,677	-6	20	0	0	0	1	21	
15	4987.98	11,664	-13	20	0	0	0	1	21	
16	4987.97	11,658	-6	20	0	0	0	1	21	
17	4987.98	11,664	6	20	0	0	0	1	21	
18	4987.98	11,664	0	20	0	0	0	1	21	
19	4987.99	11,670	6	20	0	0	0	1	21	
20	4988.00	11,677	7	20	0	0	0	1	21	
21	4988.04	11,702	25	20	0	0	0	1	21	
22	4988.07	11,721	19	20	0	0	0	1	21	
23	4988.11	11,746	25	20	0	0	0	1	21	
24	4988.11	11,746	0	20	0	0	0	1	21	
25	4988.10	11,739	-7	20	0	0	0	1	21	
26	4988.08	11,727	-12	20	0	0	0	1	21	
27	4988.08	11,727	0	20	0	0	0	0	20	
28	4988.10	11,739	12	20	0	0	0	0	20	
29	4988.13	11,758	19	20	0	0	0	0	30	
Total cfs-days			---	580	0	0	0	26	606	
Total ac-ft			-215	1,150	0	0	0	51	1,201	
									986	

Table 2. Frenchman Lake

Daily Operation
(in acre-feet except as noted)

Capacity: 55,477 ac-ft

February 2008

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	1/ Water Supply Contract	Water Right					
Jan 31	5570.01	31,380									
1	5570.00	31,369	-11	2	0	0	0	2	4	-2	
2	5570.05	31,424	55	2	0	0	0	2	4	32	
3	5570.09	31,468	44	2	0	0	0	2	4	26	
4	5570.09	31,468	0	2	0	0	0	2	4	4	
5	5570.09	31,468	0	2	0	0	0	2	4	4	
6	5570.10	31,479	11	2	0	0	0	2	4	10	
7	5570.11	31,490	11	2	0	0	0	2	4	10	
8	5570.11	31,490	0	2	0	0	0	2	4	4	
9	5570.10	31,479	-11	2	0	0	0	2	4	-2	
10	5570.12	31,501	22	2	0	0	0	2	4	15	
11	5570.13	31,512	11	2	0	0	0	1	3	9	
12	5570.14	31,524	12	2	0	0	0	1	3	9	
13	5570.14	31,524	0	2	0	0	0	1	3	3	
14	5570.15	31,535	11	2	0	0	0	1	3	9	
15	5570.15	31,535	0	2	0	0	0	1	3	3	
16	5570.15	31,535	0	2	0	0	0	1	3	3	
17	5570.15	31,535	0	2	0	0	0	1	3	3	
18	5570.16	31,546	11	2	0	0	0	1	3	9	
19	5570.18	31,568	22	2	0	0	0	1	3	14	
20	5570.20	31,590	22	2	0	0	0	1	3	14	
21	5570.25	31,646	56	2	0	0	0	1	3	31	
22	5570.27	31,668	22	2	0	0	0	1	3	14	
23	5570.34	31,746	78	2	0	0	0	1	3	42	
24	5570.39	31,800	54	2	0	0	0	1	3	30	
25	5570.38	31,790	-10	2	0	0	0	1	3	-2	
26	5570.38	31,790	0	2	0	0	0	1	3	3	
27	5570.38	31,790	0	2	0	0	0	1	3	3	
28	5570.39	31,800	10	2	0	0	0	1	3	8	
29	5570.40	31,813	13	2	0	0	0	1	3	10	
Total cfs-days				---	58	0	0	39	97	316	
Total ac-ft				433	115	0	0	78	193	626	

1/ Last Chance Creek Water District

Table 3. Lake Davis

Daily Operation
(in acre-feet except as noted)

Capacity: 84,371 ac-ft

February 2008

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	Water Supply Contract	Water Right 1/					
Jan 31	5,763.16	43,972									
1	5,763.17	44,000	28	1	0	0	0	4	5	19	
2	5,763.19	44,055	55	1	0	0	0	4	5	32	
3	5,763.25	44,223	168	1	0	0	0	4	5	89	
4	5,763.25	44,223	0	1	0	0	0	4	5	5	
5	5,763.25	44,223	0	1	0	0	0	4	5	5	
6	5,763.26	44,251	28	1	0	0	0	4	5	19	
7	5,763.26	44,251	0	1	0	0	0	4	5	5	
8	5,763.25	44,223	-28	1	0	0	0	4	5	-10	
9	5,763.25	44,223	0	1	0	0	0	4	5	5	
10	5,763.26	44,251	28	1	0	0	0	4	5	19	
11	5,763.26	44,251	0	10	0	0	0	4	14	14	
12	5,763.23	44,223	-28	20	0	0	0	4	24	10	
13	5,763.23	44,223	0	20	0	0	0	3	23	23	
14	5,763.22	44,139	-84	20	0	0	0	3	23	-19	
15	5,763.22	44,139	0	20	0	0	0	3	23	23	
16	5,763.21	44,111	-28	20	0	0	0	3	23	9	
17	5,763.21	44,111	0	20	0	0	0	3	23	23	
18	5,763.20	44,083	-28	20	0	0	0	3	23	9	
19	5,763.20	44,083	0	20	0	0	0	3	23	23	
20	5,763.20	44,083	0	20	0	0	0	3	23	23	
21	5,763.19	44,055	-28	20	0	0	0	3	23	9	
22	5,763.23	44,167	112	20	0	0	0	3	23	79	
23	5,763.30	44,363	196	20	0	0	0	3	23	122	
24	5,763.38	44,588	225	20	0	0	0	3	23	136	
25	5,763.37	44,560	-28	20	0	0	0	3	23	9	
26	5,763.37	44,560	0	20	0	0	0	3	23	23	
27	5,763.35	44,504	-56	20	0	0	0	3	23	-5	
28	5,763.33	44,448	-56	20	0	0	0	3	23	-5	
29	5,763.30	44,363	-85	20	0	0	0	3	23	-20	
Total cfs-days				---	375	0	0	99	474	671	
Total ac-ft				391	744	0	0	196	940	1,331	

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli)

Table 4. Lake Oroville

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537,580 ac-ft

February 2008

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow							Inflow	
				Hyatt Powerplant Generation 1/	Palermo Canal 2/	Lime Saddle Marina	Butte County Del Oro	Evaporation 3/	Spill	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow 4/
Jan 31	709.62	1,329,528										
1	709.91	1,331,831	2,303	5,097	0	0	0	0	0	5,097	0	7,400
2	710.40	1,335,730	3,899	3,555	0	0	0	14	0	3,569	0	7,468
3	710.94	1,340,035	4,305	4,205	0	0	0	0	0	4,205	0	8,510
4	710.85	1,339,317	-718	6,046	0	0	0	27	0	6,073	0	5,355
5	711.16	1,341,792	2,475	3,844	0	0	0	54	0	3,898	0	6,373
6	711.23	1,342,351	559	3,524	0	0	0	23	0	3,547	0	4,106
7	711.81	1,346,991	4,640	1,933	0	0	0	5	0	1,938	0	6,578
8	712.20	1,350,117	3,126	1,420	0	0	0	32	0	1,452	0	4,578
9	712.55	1,352,927	2,810	1,627	0	0	0	36	0	1,663	0	4,473
10	712.88	1,355,580	2,653	2,157	0	0	0	45	0	2,202	0	4,855
11	713.14	1,357,672	2,092	2,267	0	0	0	27	0	2,294	0	4,386
12	713.43	1,360,009	2,337	3,296	0	0	0	82	0	3,378	0	5,715
13	713.82	1,363,156	3,147	1,948	0	0	0	36	0	1,984	0	5,131
14	714.47	1,368,411	5,255	800	0	0	0	82	0	882	0	6,137
15	714.67	1,370,031	1,620	2,768	0	0	0	101	0	2,869	0	4,489
16	715.11	1,373,600	3,569	768	0	0	0	37	0	805	0	4,374
17	715.76	1,378,883	5,283	675	0	0	0	37	0	712	0	5,995
18	716.03	1,381,082	2,199	2,522	0	0	0	46	0	2,568	0	4,767
19	716.36	1,383,772	2,690	2,592	0	0	0	37	0	2,629	0	5,319
20	716.96	1,388,673	4,901	885	0	0	0	18	0	903	0	5,804
21	717.44	1,392,603	3,930	1,866	0	0	0	14	0	1,880	0	5,810
22	717.84	1,395,883	3,280	3,287	0	0	0	0	0	3,287	0	6,567
23	718.53	1,401,554	5,671	2,628	0	0	0	0	0	2,628	0	8,299
24	719.87	1,412,613	11,059	2,897	0	0	0	0	0	2,897	0	13,956
25	721.21	1,423,731	11,118	2,472	0	0	0	19	0	2,491	0	13,609
26	722.13	1,431,400	7,669	3,460	0	0	0	28	0	3,488	0	11,157
27	722.50	1,434,492	3,092	5,058	0	0	0	42	0	5,100	0	8,192
28	723.32	1,441,361	6,869	2,430	0	0	1	52	0	2,483	0	9,352
29	724.24	1,449,096	7,735	1,745	0	1	1	76	0	1,823	0	9,558
Total			119,568	77,772	0	1	2	970	0	78,745	0	198,313

1/ Includes bypass flows

2/ South Feather Water and Power Agency

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

4/ Does not include pumpback.

**Table 5. Thermalito Forebay
Including Diversion Pool and Power Canal**

Capacity: 25,120 ac-ft

Daily Operation
(in acre-feet except as noted)

February 2008

Date	Storage 1/	Storage Change	Inflow			Outflow					Losses (-) And Gains (+)
			Lake Oroville Releases 2/	Kelly Ridge Generation	Thermalito Pumping- Generating Plant Pumpback	Thermalito Pumping- Generating Plant Generation 3/	Butte County Cal Water	Thermalito Irrigation District	Releases To River 4/	Hyatt Powerplant Pumpback	
Jan 31	24,150										
1	24,251	101	5,097	480	0	4,389	0	0	1,305	0	218
2	24,308	57	3,555	479	0	3,017	0	0	1,297	0	337
3	23,968	-340	4,205	479	0	4,010	0	0	1,335	0	321
4	23,944	-24	6,046	479	0	5,438	0	0	1,331	0	220
5	23,886	-58	3,844	477	0	3,258	0	0	1,331	0	210
6	23,994	108	3,524	464	0	2,646	0	0	1,317	0	83
7	23,858	-136	1,933	464	0	1,276	0	0	1,317	0	60
8	24,275	417	1,420	464	0	258	0	0	1,299	0	90
9	24,113	-162	1,627	463	0	1,012	0	0	1,287	0	47
10	23,828	-285	2,157	463	0	1,585	0	0	1,289	0	-31
11	24,138	310	2,267	462	0	1,220	0	0	1,291	0	92
12	24,053	-85	3,296	293	0	2,514	0	0	1,297	0	137
13	23,949	-104	1,948	136	0	749	0	0	1,442	0	3
14	23,482	-467	800	65	0	100	0	0	1,291	0	59
15	24,290	808	2,768	89	0	948	0	0	1,287	0	186
16	23,737	-553	768	106	0	94	0	0	1,289	0	-44
17	23,254	-483	675	300	0	206	0	0	1,303	0	51
18	24,354	1,100	2,522	288	0	386	0	0	1,281	0	-43
19	24,535	181	2,592	241	0	1,548	0	0	1,267	0	163
20	24,611	76	885	427	0	98	0	0	1,271	0	133
21	24,331	-280	1,866	422	0	1,428	0	0	1,271	0	131
22	23,724	-607	3,287	361	0	3,226	0	0	1,273	0	244
23	24,377	653	2,628	396	0	1,380	0	0	1,285	0	294
24	23,947	-430	2,897	476	0	2,868	0	1	1,277	0	343
25	24,035	88	2,472	391	0	1,618	0	1	1,275	0	119
26	24,030	-5	3,460	461	0	2,758	0	1	1,265	0	98
27	24,233	203	5,058	466	0	4,228	0	1	1,267	0	175
28	23,930	-303	2,430	482	0	2,050	0	1	1,263	0	99
29	24,661	731	1,745	477	35	329	0	1	1,039	0	-157
Total		511	77,772	11,051	35	54,637	0	6	37,342	0	3,638

1/ Sum of Thermalito Forebay and Diversion Pool.

3/ Includes Bypass flows at Thermalito.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

4/ The sum of the flows from fish barrier dam and the fish hatchery.

Table 6. Thermalito Afterbay

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

February 2008

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow					Losses (-) and Gains (+)	Total Releases to River 2/
				Thermalito Pumping-Generating Plant Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback		
Jan 31	128.95	28,751										
1	129.83	31,589	2,838	4,389	0	0	0	0	1,450	0	-101	2,755
2	130.47	33,731	2,142	3,017	0	0	0	0	1,450	0	575	2,747
3	130.97	35,451	1,720	4,010	0	0	0	0	1,454	0	-836	2,789
4	132.03	39,229	3,778	5,438	0	0	0	0	1,458	0	-202	2,789
5	132.49	40,924	1,695	3,258	0	0	0	0	1,458	0	-105	2,789
6	132.83	42,198	1,274	2,646	0	0	0	0	1,345	0	-27	2,662
7	132.78	42,010	-188	1,276	0	0	0	0	1,252	0	-212	2,569
8	132.49	40,924	-1,086	258	0	0	0	0	1,246	0	-98	2,545
9	132.41	40,627	-297	1,012	0	0	0	0	1,242	0	-67	2,529
10	132.45	40,775	148	1,585	0	0	0	0	1,252	0	-185	2,541
11	132.43	40,701	-74	1,220	0	0	0	0	1,252	0	-42	2,543
12	132.77	41,972	1,271	2,514	0	0	0	0	1,252	0	9	2,549
13	132.57	41,222	-750	749	0	0	0	0	1,246	0	-253	2,688
14	132.23	39,962	-1,260	100	0	0	0	0	1,248	0	-112	2,539
15	132.15	39,668	-294	948	0	0	0	0	1,246	0	4	2,533
16	131.80	38,394	-1,274	94	0	0	0	0	1,240	0	-128	2,529
17	131.49	37,282	-1,112	206	0	0	0	0	1,254	0	-64	2,557
18	131.22	36,326	-956	386	0	0	0	0	1,248	0	-94	2,529
19	131.33	36,714	388	1,548	0	0	0	0	1,244	0	84	2,511
20	131.10	35,905	-809	98	0	0	0	0	1,246	0	339	2,517
21	131.18	36,185	280	1,428	0	0	0	0	1,250	0	102	2,521
22	131.75	38,214	2,029	3,226	0	0	0	0	1,267	0	70	2,540
23	131.96	38,974	760	1,380	0	0	0	0	1,246	0	626	2,531
24	132.31	40,257	1,283	2,868	0	0	0	0	1,246	0	-339	2,523
25	132.37	40,479	222	1,618	0	0	0	0	1,242	0	-154	2,517
26	132.73	41,822	1,343	2,758	0	0	0	0	1,244	0	-171	2,509
27	133.48	44,684	2,862	4,228	0	0	0	0	1,263	0	-103	2,530
28	133.62	45,228	544	2,050	0	0	0	0	1,254	0	-252	2,517
29	133.43	44,491	-737	329	0	0	0	0	1,246	35	215	2,285
Total		15,740		54,637	0	0	0	0	37,341	35	-1,521	74,683

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

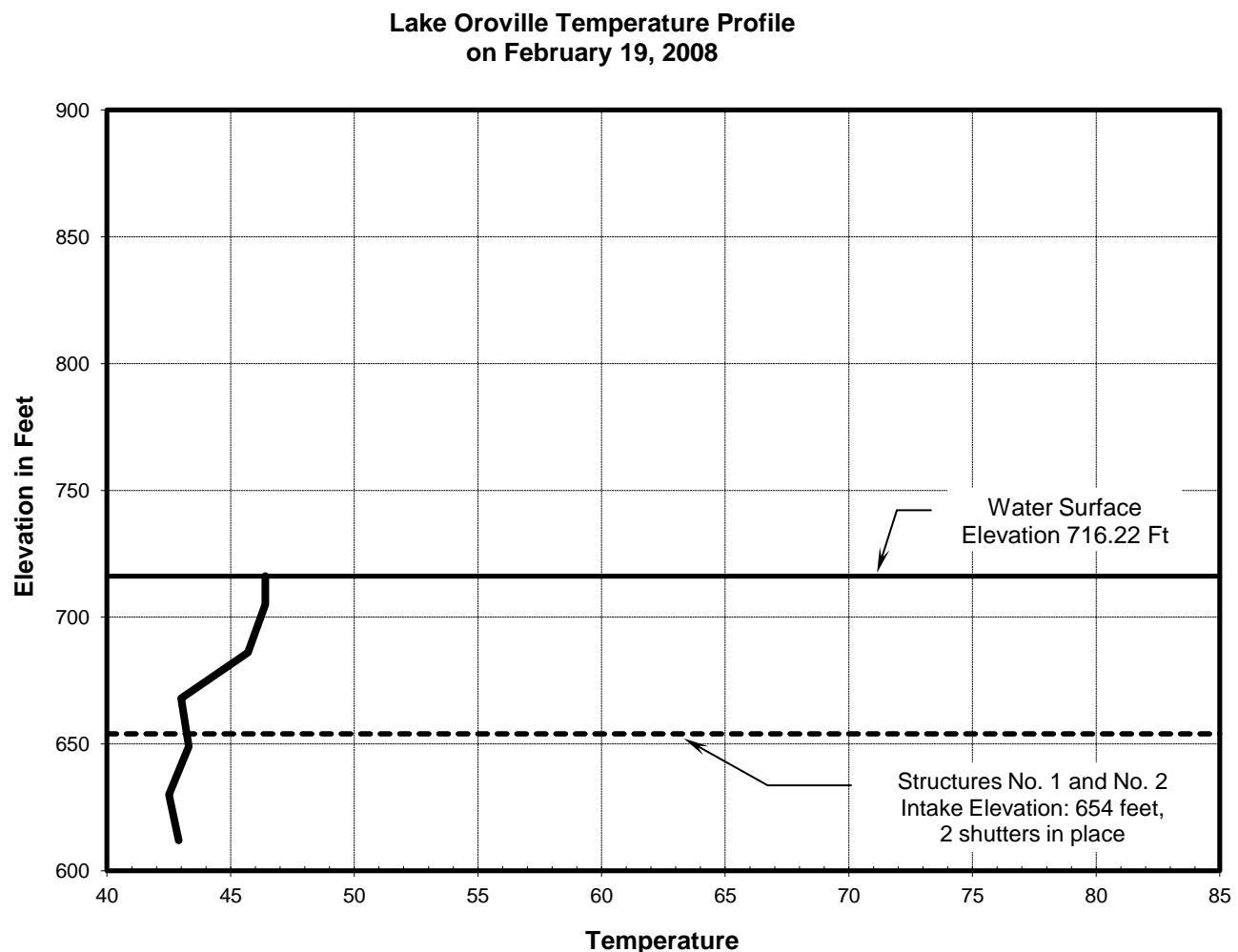
Table 7. Oroville-Thermalito Complex

Water Temperature Data

(in degrees Fahrenheit)

February 2008

Date	Mean Daily Temperature	
	Thermalito Afterbay Outlet	Fish Hatchery
1	43	42
2	43	42
3	43	42
4	43	42
5	43	42
6	44	42
7	44	42
8	45	42
9	46	43
10	46	43
11	47	43
12	47	43
13	48	44
14	47	43
15	47	43
16	48	44
17	48	44
18	49	44
19	48	44
20	49	44
21	48	44
22	48	44
23	48	44
24	48	43
25	49	43
26	50	43
27	51	43
28	50	44



Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

Table 8. North Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

February 2008

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Table A	Settlement	Permit	Article 56C	Article 21	
	No.	Structure	Mile								
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	1,390	27	27	20	204	41	
		Travis Surge Tank	8.78								
			8.80	Solano County Water Agency Travis AFB	27						
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	0						
				Solano County Water Agency Fairfield / Vacaville 42"	0						
			17.00	Solano County Water Agency Central Solano	Stub						
2	3A	Cordelia Forebay	21.23			1/ 83	253	686	204	41	
		Cordelia Pumping Plant & Cordelia Spillway	21.30		1,294						
		Napa Pipeline	21.33	Solano County Water Agency Vallejo	103						
				Solano County Water Agency Benicia	258						
		Cordelia Surge Tank	23.33								
		Creston Surge Tank Connection	25.65								
3B	2		26.95	Napa County Flood Control & WCD American Canyon 2	204	1/ 5	20	2	204	41	
			27.27	Napa County Flood Control & WCD American Canyon 3	0						
		Napa Terminal Tank	27.58	City of Napa	727						
			27.60	Napa County Flood Control & WCD American Canyon 1	2						

1/ Napa Co. FC&WCD entitlement through Solano Co.'s turnout (Reach 3A) for delivery to American Canyon.

Table 9. Delta Field Division Plant Data

(in acre-feet)

February 2008

Date	North Bay Aqueduct		California Aqueduct		South Bay Aqueduct			
	Barker Slough Pumping Plant	Cordelia Pumping Plant	Banks Pumping Plant		South Bay Pumping Plant	Del Valle Pumping Plant		
			Total	SWP		Into Lake	Into Aqueduct	Gravity Flow Through Plant Into Aqueduct
1	43	45	7,843	7,843	98	0	0	195
2	45	12	7,810	7,810	103	0	0	227
3	46	44	7,957	7,957	89	0	0	203
4	48	46	6,448	6,448	89	0	0	224
5	43	44	6,958	6,958	89	0	0	217
6	45	43	6,899	6,899	89	0	0	186
7	47	44	6,810	6,810	89	0	0	200
8	46	45	6,563	6,563	89	0	0	200
9	47	49	5,771	5,771	89	0	0	218
10	47	46	5,930	5,930	89	0	0	212
11	54	50	6,912	6,912	89	0	0	211
12	44	44	7,064	7,064	89	0	0	198
13	51	50	7,234	7,234	89	0	0	198
14	43	42	7,172	7,172	89	0	0	198
15	54	51	6,822	6,822	102	0	0	198
16	51	52	7,956	7,956	170	0	0	85
17	46	46	7,971	7,971	149	0	0	97
18	46	43	6,801	6,801	148	0	0	90
19	44	39	6,836	6,836	149	0	0	109
20	40	34	6,891	6,891	147	0	0	109
21	54	50	7,158	7,158	148	0	0	109
22	58	48	7,101	7,101	147	0	0	66
23	56	54	6,937	6,937	147	0	0	89
24	48	47	7,458	7,458	148	0	0	89
25	58	54	6,805	6,805	148	0	0	89
26	57	50	5,850	5,850	148	0	0	58
27	43	41	5,017	5,017	148	0	0	54
28	48	45	5,416	5,416	148	0	0	50
29	38	36	3,869	3,869	132	0	0	44
Total	1,390	1,294	196,259	196,259	3,448	0	0	4,223

Table 10. Clifton Court Forebay

Daily Operation of Gates

February 2008

Date	Time								Amount of inflow in Acre-Feet
	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	
1	1:45	10:00							7,911
2	0:20	9:45	15:00	17:00					7,918
3	0:01	8:45	14:15	16:00					7,914
4	1:45	7:15							5,940
5	2:30	8:32	10:46	12:00	18:02	20:30			6,940
6	3:00	10:19							6,923
7	0:01	0:30	3:30	11:26	19:10	20:25			6,920
8	0:01	1:00	4:00	12:30	23:35				6,932
9		1:30	4:30	10:45					5,943
10	0:01	2:00	5:00	13:00					5,930
11	0:01	2:24	5:45	12:00					6,912
12	0:01	4:15	10:30	16:30	19:30	21:40			6,926
13	0:10	5:00	11:15	16:30					6,916
14									6,918
15	0:01	7:15	13:15	15:07					6,934
16	0:01	8:45							7,913
17	0:30	10:00	19:00	21:20					7,928
18	1:15	9:30							6,934
19	2:00	12:00							6,917
20	2:45	9:56							6,931
21	3:30	10:06							6,924
22	4:00	9:30							6,935
23	0:01	2:00	4:30	10:00					6,915
24	0:01	2:00	5:00	10:40					6,921
25	0:01	3:30	9:30	14:00					6,922
26	0:01	4:00	10:00	12:55					5,939
27	0:01	4:45	11:00	16:00					4,935
28	0:25	5:30	11:15	12:05					4,924
29	0:01	4:45							3,958
Total inflow for the month in AF:									194,873

Table 11. Governor Edmund G. Brown California Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet)

February 2008

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	USBR	Local	Article 21	Local Other		
	No.	Structure									
1A			1.83	Byron-Bethany I.D.	186				186		
1	1	Banks Pumping Plant	3.32		196,259						
		South Bay Pumping Plant	4.49	Bethany Reservoir (Into the South Bay Aquaduct)	3,448						
		Check No. 1	5.95								
			8.08	Alameda Co. Zone 7 WA Mountain House Golf Course	0						
	2	Check No. 2	12.01								
			12.47	Musco Olive	44	44					
	3	Check No. 3	18.29								
			22.16	Tracy Golf & Country Club	0						
	4	Check No. 4	23.99								
		Check No. 5	29.73								
	5	Check No. 6	34.24								
	7		35.22	Turlock Fruit Company Inflow	0						
		Check No. 7	39.91								
2A	8		42.46	Oak Flat Water District-A	0						
			42.9	Western Hills WD	8	8					
			43.81	Oak Flat Water District-B	0						
			44.64	Oak Flat Water District-C	0						
		Check No. 8	45.97								
	9		46.18	Oak Flat Water District-D	0						
				Oak Flat Totals:	0	0	0	0	0		
	10	Check No. 9	51.3								
	11	Check No. 10	56.86								
	12	Check No. 11	61.4								
			66.14	Veteran's Cemetery	1	1					
		Check No. 12	66.71		192,531						

Table 12. South Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

February 2008

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Mile			Table A	Article 56C	Article 21	Local	Recreation		
	No.	Structure										
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	3,448		2					
			3.17	Granite - Vasco Rd. (Temp.)	0							
			3.18	Oakland Scavenger Zone 7	2							
		Check No. 1	3.91									
	2	Check No. 2	5.21				1					
			7.21	Zone 7 Water Agency Altamont	1							
		Check No. 3	9.49	Zone 7 Water Agency Patterson Inflow Exchange Project Water	0							
2	3	Check No. 4	10.68				548					
		Check No. 5	12.29									
	6		13.55	Zone 7 Water Agency Wente #1	0							
			14.16	Zone 7 Water Agency Wente #2	6							
			14.31	Zone 7 Water Agency Ising	0							
		Check No. 6	14.65									
	7		14.78	Zone 7 Water Agency Arroyo Mocho Project Water	0							
		Check No. 7	16.38									
	8		16.57	Zone 7 Water Agency Wente #3	0							
			16.63	Zone 7 Water Agency Wente #4	0							
			16.69	Zone 7 Water Agency Norman Nursery	0							
			16.70	Zone 7 Water Agency Concannon Project Water	0							
		Del Valle Branch Pipeline Junction	18.63	Pumped into Lake Del Valle	0							
				Pumped into South Bay Aqueduct	0							
				Gravity into South Bay Aqueduct	4,223							
		Deliveries through Del Valle Branch Pipeline		Zone 7 Water Agency Arroyo Valle #1 & #2								
				Storage Exchange	0							
				Project Water	0							
				Storage Released	0							
				Inflow Released	51							
5	8	Deliveries through Del Valle Branch Pipeline		East Bay Regional Park Dist.			51	3	3			
				Del Valle Recreation	3							
				Zone 7 Water Agency Wente #5	0							
				Zone 7 Water Agency So. Livermore Project								
			19.20	Project Water	470		470	1	824			
6			19.21	Inflow Released	824							
				Zone 7 Water Agency Kalthrof Detjens	1							
7		La Costa Tunnel	22.50	ACWD								
			25.97	Vallecitos Project Water	0							
8		Mission Tunnel	28.97	City of San Francisco San Antonio	0							
				ACWD - Bayside 1 & 2								
9		Santa Clara Pipeline		Project Water	0							
			35.86	Inflow Released	309							
				Storage Exchange	0							
				S.C.V.W.D. Meter	5,449							

Table 13. Lake Del Valle

Daily Operation

Capacity: 77,106 ac-ft

February 2008

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct 2/	Recreation Deliveries 3/	Evaporation	Total Outflow	
Jan 31	703.22	40,070									
1	703.62	40,354	284	570	0	88	195	1	2	286	0.36
2	703.71	40,419	64	382	0	88	227	1	1	317	0.00
3	704.95	41,309	890	1,183	0	88	203	1	1	293	0.37
4	705.70	41,853	544	857	0	88	224	0	1	313	0.08
5	705.94	42,028	175	483	0	88	217	0	2	307	0.00
6	706.03	42,094	66	343	0	88	186	0	3	277	0.00
7	705.34	41,591	-503	-214	0	88	200	0	1	289	0.00
8	704.22	40,783	-808	-518	0	88	200	0	2	290	0.00
9	703.43	40,219	-564	-254	0	88	218	0	4	310	0.00
10	702.61	39,639	-580	-276	0	88	212	0	4	304	0.00
11	702.12	39,295	-344	-41	0	88	211	0	4	303	0.00
12	701.93	39,162	-133	156	0	88	198	0	3	289	0.00
13	701.72	39,015	-147	143	0	88	198	0	4	290	0.00
14	701.54	38,890	-125	167	0	88	198	0	6	292	0.00
15	701.31	38,730	-160	131	0	88	198	0	5	291	0.00
16	701.26	38,695	-35	143	0	88	85	0	5	178	0.00
17	701.18	38,640	-55	133	0	88	97	0	4	189	0.00
18	701.11	38,591	-49	132	0	88	90	0	2	180	0.00
19	701.07	38,564	-28	172	0	88	109	0	2	199	0.00
20	701.00	38,515	-48	150	0	88	109	0	1	198	0.71
21	700.95	38,481	-35	164	0	88	109	0	1	198	0.06
22	700.95	38,481	0	155	0	88	66	0	1	155	0.31
23	700.98	38,501	21	198	0	88	89	0	0	177	0.03
24	702.05	39,246	744	922	0	88	89	0	1	178	0.59
25	703.53	40,290	1,044	1,223	0	88	89	0	1	178	0.34
26	704.06	40,669	378	526	0	88	58	0	2	148	0.00
27	704.35	40,876	208	353	0	89	54	0	2	145	0.00
28	704.54	41,013	137	279	0	89	50	0	4	143	0.00
29	704.66	41,099	86	224	0	89	44	0	5	138	0.00
Total				1,029	7,886	0	2,555	4,223	3	76	6,857
2.85											

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ Project water released to South Bay Aqueduct through Del Valle Pumping Plant.

3/ To East Bay Regional Park District.

NR=No Records

Table 14. Consolidated State-Federal O'Neill Forebay

Daily Operations

February 2008

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity 56,430 ac-ft

Date	Water Surface Elevation (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)	
				Pump In 1/	O'Neill Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	California Aqueduct	O'Neill Pumping Generating Plant (Generation)	Gianelli Pumping Generating Plant (Pumped)	Dos Amigos Pumping Plant	Deliveries 2/		
Jan 31	221.59	47,309											
1	221.65	47,467	158	0	3,355	0	3,846	0	7,043	206	6	134	
2	220.79	45,210	-2,257	0	3,333	0	3,941	0	8,066	575	6	235	
3	218.62	39,624	-5,586	0	3,394	0	4,160	0	9,776	803	6	215	
4	218.98	40,533	909	0	3,441	0	3,416	0	6,165	472	6	244	
5	217.63	37,160	-3,373	0	2,609	0	3,449	0	7,731	416	6	394	
6	217.66	37,234	74	0	2,512	0	3,382	0	5,660	493	6	302	
7	217.99	38,047	813	0	2,649	0	3,272	0	4,781	1,299	6	575	
8	218.80	40,077	2,030	0	2,850	0	3,254	0	4,274	728	6	-73	
9	218.56	39,473	-604	0	2,740	0	2,764	0	5,450	575	6	222	
10	219.05	40,711	1,238	0	2,561	0	2,911	0	3,741	1,351	2	246	
11	220.32	43,983	3,272	0	2,644	0	3,376	0	3,737	846	2	215	
12	219.74	42,480	-1,503	0	2,576	0	3,447	0	5,368	1,666	2	255	
13	218.63	39,649	-2,831	0	2,418	0	3,442	0	5,583	1,889	2	187	
14	218.56	39,473	-176	0	2,292	0	3,734	0	5,055	1,332	2	274	
15	219.50	41,862	2,389	0	1,812	0	3,559	0	2,139	2,488	2	462	
16	220.98	45,708	3,846	0	1,562	0	3,584	0	853	2,484	2	132	
17	220.68	44,923	-785	0	1,492	0	3,849	0	3,082	3,279	2	626	
18	220.97	45,682	759	0	862	0	3,358	0	2,370	1,461	3	-3	
19	221.07	45,944	262	0	553	0	3,394	0	2,642	1,367	6	200	
20	221.40	46,810	866	0	913	0	3,330	0	2,976	1,120	6	296	
21	221.99	48,360	1,550	0	1,231	0	3,506	0	3,062	1,346	12	464	
22	222.03	48,464	104	0	1,435	0	3,359	0	4,100	934	10	302	
23	222.65	50,113	1,649	0	1,460	0	3,351	0	3,214	918	10	162	
24	222.46	49,607	-506	0	971	0	4,164	0	4,432	1,396	10	448	
25	222.14	48,756	-851	0	1,142	0	3,310	0	4,448	726	10	303	
26	221.44	46,915	-1,841	0	922	0	3,036	0	4,135	992	10	251	
27	220.21	43,697	-3,218	0	614	0	2,647	0	4,053	929	9	108	
28	218.70	39,825	-3,872	0	408	0	2,466	28	3,360	1,764	10	336	
29	219.72	42,428	2,603	0	91	1,683	1,760	56	1,047	1,260	9	150	
Total				-4,881	0	54,842	1,683	97,067	84	128,343	35,115	175	7,662
Mean cfs				---	0	1,955	0	3,404	1	4,546	1,209	6	268
Acre-feet				-4,881	0	108,776	3,339	192,531	167	254,564	69,645	347	15,196

1/ Pump-in located at Mile 79.67R.

2/ Includes 31 AF delivered to DFG at O'Neill Forebay, 0 AF to Parks & Rec., and 316 AF to San Luis Water District.

Table 15. Consolidated State-Federal San Luis Reservoir

Daily Operations

February 2008

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 2,027,835 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)	Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
				Gianelli Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	Pacheco Tunnel 1/	Parks and Rec. Del.	
Jan 31	503.00	1,542,231						
1	504.15	1,555,546	13,315	7,043	0	19	0	-311
2	505.46	1,570,761	15,215	8,066	0	17	0	-378
3	507.11	1,589,997	19,236	9,776	0	17	0	-61
4	508.10	1,601,577	11,580	6,165	0	18	0	-309
5	509.30	1,615,651	14,074	7,731	0	17	0	-618
6	510.19	1,626,117	10,466	5,660	0	17	0	-366
7	510.88	1,634,247	8,130	4,781	0	13	0	-669
8	511.54	1,642,037	7,790	4,274	0	25	0	-322
9	512.40	1,652,206	10,169	5,450	0	30	0	-293
10	513.01	1,659,432	7,226	3,741	0	34	0	-64
11	513.58	1,666,194	6,762	3,737	0	35	0	-293
12	514.40	1,675,938	9,744	5,368	0	33	0	-422
13	515.26	1,686,178	10,240	5,583	0	35	0	-385
14	516.00	1,695,007	8,829	5,055	0	37	0	-567
15	516.30	1,698,591	3,584	2,139	0	26	0	-306
16	516.43	1,700,145	1,554	853	0	54	0	-16
17	516.80	1,704,570	4,425	3,082	0	44	0	-807
18	517.20	1,709,358	4,788	2,370	0	48	0	92
19	517.56	1,713,671	4,313	2,642	0	77	0	-391
20	518.24	1,721,829	8,158	2,976	0	89	0	1,226
21	518.70	1,727,355	5,526	3,062	0	111	0	-165
22	519.27	1,734,211	6,856	4,100	0	114	0	-529
23	519.80	1,740,594	6,383	3,214	0	111	0	115
24	520.40	1,747,830	7,236	4,432	0	109	0	-675
25	521.05	1,755,680	7,850	4,448	0	113	0	-377
26	521.66	1,763,059	7,379	4,135	0	108	0	-307
27	522.26	1,770,327	7,268	4,053	0	85	0	-304
28	522.74	1,776,149	5,822	3,360	0	104	0	-321
29	522.63	1,774,814	-1,335	1,047	1,683	70	0	33
Total			232,583	128,343	1,683	1,610	0	-7,790
Mean cfs			---	4,546	0	55	0	-279
Acre-feet			232,583	254,564	3,339	3,196	0	-15,446

1/ Pacheco Tunnel, San Felipe Split; Santa Clara 2,898 AF, Casa De Fruta 0 AF, and San Benito 298 AF.

Table 16. San Luis Field Division Plant Data

(in acre-feet)

February 2008

Date	Dos Amigos Pumping Plant		Gianelli Pumping - Generating Plant				San Felipe Project
	Total Pumping	SWP Pumping 1/ 2/	Total Generation	SWP Generation 1/ 2/	Total Pumping	SWP Pumping 1/ 2/	Federal
1	409	409	0	0	13,970	6,294	38
2	1,140	1,140	0	0	15,999	8,376	34
3	1,593	1,593	0	0	19,390	11,541	33
4	936	936	0	0	12,229	5,954	35
5	825	825	0	0	15,334	10,506	34
6	977	977	0	0	11,226	5,503	33
7	2,577	2,577	0	0	9,484	3,443	25
8	1,443	1,443	0	0	8,478	5,303	50
9	1,140	1,140	0	0	10,810	5,712	60
10	2,680	1,896	0	0	7,420	1,438	67
11	1,679	880	0	0	7,412	1,436	70
12	3,305	2,510	0	0	10,648	5,608	66
13	3,746	2,959	0	0	11,073	6,059	69
14	2,642	1,852	0	0	10,026	5,589	74
15	4,934	4,131	0	0	4,242	638	52
16	4,927	4,131	0	0	1,691	14	108
17	6,504	5,623	0	0	6,114	3,805	87
18	2,897	2,066	0	0	4,701	3,010	95
19	2,711	1,886	0	0	5,240	5,240	152
20	2,221	1,370	0	0	5,903	5,903	176
21	2,670	1,803	0	0	6,074	6,074	220
22	1,852	549	0	0	8,132	5,050	227
23	1,820	587	0	0	6,374	4,082	221
24	2,769	1,562	0	0	8,791	6,527	217
25	1,441	231	0	0	8,822	6,563	225
26	1,967	758	0	0	8,201	6,529	214
27	1,842	643	0	0	8,039	8,039	169
28	3,498	2,311	0	0	6,665	6,665	207
29	2,500	1,323	3,339	-37	2,076	2,076	138
Total	69,645	50,111	3,339	-37	254,564	152,977	3,196

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

Table 17. Consolidated State-Federal Los Banos Reservoir

Daily Operations

February 2008

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity 34,560 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Jan 31	324.20	18,923					
1	324.34	18,986	63	32	0	0	-1
2	324.47	19,044	58	29	0	0	1
3	326.35	19,901	857	432	0	0	0
4	327.15	20,272	371	187	0	0	0
5	327.43	20,402	130	66	0	0	-1
6	327.60	20,482	80	40	0	0	1
7	327.73	20,543	61	31	0	0	-1
8	327.82	20,585	42	21	0	0	0
9	327.90	20,623	38	19	0	0	0
10	327.96	20,651	28	14	0	0	0
11	327.81	20,580	-71	14	0	50	0
12	327.45	20,412	-168	15	0	100	1
13	327.06	20,230	-182	8	0	100	1
14	326.93	20,169	-61	3	0	33	-2
15	326.96	20,183	14	7	0	0	0
16	326.99	20,197	14	7	0	0	0
17	327.01	20,206	9	5	0	0	-1
18	327.04	20,220	14	7	0	0	0
19	327.06	20,230	10	5	0	0	0
20	327.11	20,253	23	12	0	0	-1
21	327.14	20,267	14	7	0	0	0
22	327.19	20,290	23	12	0	0	-1
23	327.22	20,304	14	7	0	0	0
24	327.34	20,360	56	28	0	0	1
25	327.66	20,510	150	76	0	0	-1
26	327.82	20,585	75	38	0	0	0
27	327.74	20,547	-38	27	0	46	0
28	327.44	20,407	-140	29	0	100	1
29	327.29	20,337	-70	19	0	54	-1
Total			1,414	1,197	0	483	-2
Mean cfs			---	42	0	15	---
Acre-feet			1,414	2,374	0	958	-2

Table 18. Consolidated State-Federal Little Panoche Reservoir

Daily Operations

February 2008

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 5,580 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Jan 31	602.60	826					
1	601.10	741	-85	0	0	0	-85
2	601.10	741	0	0	0	0	0
3	601.10	741	0	0	0	0	0
4	601.10	741	0	0	0	0	0
5	601.10	741	0	0	0	0	0
6	601.10	741	0	0	0	0	0
7	601.10	741	0	0	0	0	0
8	602.60	826	85	44	0	1	0
9	602.60	826	0	1	0	1	0
10	602.60	826	0	1	0	1	0
11	602.60	826	0	1	0	1	0
12	602.60	826	0	1	0	1	0
13	602.60	826	0	1	0	1	0
14	602.60	826	0	1	0	1	0
15	602.60	826	0	1	0	1	0
16	602.60	826	0	1	0	1	0
17	602.60	826	0	1	0	1	0
18	602.60	826	0	1	0	1	0
19	602.60	826	0	1	0	1	0
20	602.60	826	0	1	0	1	0
21	602.60	826	0	1	0	1	0
22	602.60	826	0	1	0	1	0
23	602.60	826	0	1	0	1	0
24	602.65	829	3	4	0	2	-1
25	602.65	829	0	2	0	2	0
26	602.65	829	0	2	0	2	0
27	602.65	829	0	2	0	2	0
28	602.65	829	0	2	0	2	0
29	602.62	828	-1	1	0	2	1
Total			2	72	0	28	-85
Mean cfs			---	3	0	1	---
Acre-feet			2	143	0	56	-85

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries

(In acre-feet)

February 2008

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			USBR	Transfer	DWR Recreation	USBR Recreation		
	No.	Structure									
2B	12	Check No. 12	66.71		192,531						
3A	3A	San Luis Reservoir		Department of Parks and Recreation	0	2,898					
				San Felipe Division Santa Clara Water District	2,898						
				Casa de Fruta Santa Clara Water District	0						
				San Felipe Division San Benito Water District	298	298					
				Reach 3A Subtotal:	3,196	3,196	0	0	0		
3	13	O'Neill Forebay	70.85	Department of Parks and Recreation	0	31					
				Cattle Program	0						
				Department of Fish & Game	0						
		Thru 85.08	70.91	San Luis Water District	316	316					
				(Floodwater Inflow)	0						
				Reach 3 Subtotal:	347		347	0	0		
		Dos Amigos Pumping Plant	86.73		69,645						
4	14	14	89.03			3,063					
			Thru 94.06	San Luis Water District	3,063						
			89.66				773				
			Thru 89.67	Pacheco Water District	773						
			89.68	Panoche Water District	36	36					
		Check No. 14	89.70	City of Dos Palos	107		107				
			95.06								
	15	15	98.15			404					
			Thru 104.20	San Luis Water District	404						
			96.15				1,188				
			Thru 102.64	Panoche Water District	1,188						
			(Floodwater Inflow)		0						
			102.64	Broadview Water District	0						
		Check No.15	105.22			2,584					
			Thru 108.64	Westlands Water District	2,584						
			108.50								
			Reach 4 Subtotal:	8,155	8,155	8,155	0	0	0		
			San Felipe Division Total:	3,196	3,196	3,196	0	0	0		
			Pacheco Water District Total:	773	773	773	0	0	0		
			Broadview Water District Total:	0	0	0	0	0	0		
			City of Dos Palos Total:	107	107	107	0	0	0		
			SLWD Reach 4 Subtotal:	3,467	3,467	3,467	0	0	0		
			Panoche Water District Total:	1,224	1,224	1,224	0	0	0		
			SLWD Total:	3,783	3,783	3,783	0	0	0		
			Westlands WD Reach 4 Subtotal:	2,584	2,584	2,584	0	0	0		

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

February 2008

Reach No.	Operating Pool			Turnout	Total Diver-sions	Deliveries					
	Beginning and Ending		Mile			USBR	Transfer	DWR Recreation	USBR Recreation		
	No.	Structure									
5	16		110.52	(Reverse flow, Kings River)	0	4,031					
				Westlands Water District	4,031						
				Thru	Dept. of Fish and Game @ Lat. 4L						
				122.05	Dept. of Fish and Game @ Lat. 6L						
					Dept. of Fish and Game @ Lat. 7L						
		Check No. 16	122.07								
	17		124.18	Westlands Water District	2,352	2,352					
			Thru								
		Check No. 17	132.95								
	18		133.81	Westlands Water District	2,494	2,494					
			Thru								
			142.61								
		Pleasant Valley Pumping Plant	143.16	Westlands Water District	3,534						
		143.16	City of Coalinga	310							
		Check No. 18	143.23								
				Reach 5 Subtotal:	12,721	12,721	0	0	0		
6	19		145.26	GWF Energy	1	1/ 1					
				City of Huron	0						
				Kings County to Lemoore NAS Through WWD	104						
				Kings County through WWD 30L	0						
				Westlands Water District	4,392	4,392	2/ 104				
		Check No. 19	155.64								
				Reach 6 Subtotal:	4,497	4,392	105	0	0		
7	20		156.34	City of Huron	61	61					
			156.40	SWP Construction @ Lat. 24R	0						
			Thru	Westlands Water District	3,730		3,730				
			163.69								
		Check No. 20	164.69								
	21		164.79	City of Avenal	191	191					
			167.04	Westlands Water District	717						
		Check No. 21	171.67								
			172.40		36,911						
				Reach 7 Total:	4,699	4,699	0	0	0		
				SWP Construction Total:	0	0	0	0	0		
				Westlands WD Total:	23,834	23,834	0	0	0		
				City of Coalinga Total:	310	310	0	0	0		
				City of Huron Total:	61	61	0	0	0		
				Kings County to Lemoore NAS	104	0	104	0	0		
				City of Avenal Total:	191	191	0	0	0		
				Total San Luis Field Division Deliveries:	33,615	33,510	105	0	0		

1/ From County of Kings - Henrietta Peaker Project

2/ Long-term POD from County of Kings to Lemoore Naval Air Base

Table 20. Consolidated State-Federal San Luis Canal 1/

Daily Operations
February 2008

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
			Non- Project	Dos Amigos Pumping Plant	San Luis Water District Pools 14 & 15 2/	Panoche Water District Pools 14 & 15	Westlands Water District Pools 15 thru 21 3/	Flow Past Check 21	
Jan 31	28,517								
1	28,432	-85	0	206	50	1	152	107	62
2	28,644	212	0	575	50	1	152	274	9
3	28,395	-249	0	803	50	1	152	782	57
4	28,472	77	0	472	50	1	152	274	44
5	28,328	-144	0	416	50	1	152	273	-13
6	27,922	-406	0	493	52	2	152	429	-63
7	28,754	832	0	1,299	82	9	344	453	8
8	28,427	-327	0	728	82	9	344	488	30
9	28,039	-388	0	575	82	9	344	366	30
10	28,572	533	0	1,351	82	9	344	727	80
11	28,198	-374	0	846	82	9	344	620	21
12	27,898	-300	0	1,666	82	9	344	1,322	-60
13	28,135	237	0	1,889	85	8	344	1,031	-302
14	27,521	-614	0	1,332	80	32	535	1,069	74
15	27,673	152	0	2,488	80	32	535	1,374	-391
16	28,135	462	0	2,484	80	32	535	1,304	-300
17	28,441	306	0	3,279	80	32	535	1,955	-523
18	27,689	-752	0	1,461	80	32	535	1,168	-25
19	27,374	-315	0	1,367	80	32	535	774	-105
20	27,208	-166	0	1,120	79	30	535	519	-41
21	27,549	341	0	1,346	80	31	541	378	-144
22	27,201	-348	0	934	80	31	541	472	14
23	27,249	48	0	918	80	31	541	325	83
24	27,859	610	0	1,396	80	31	541	596	159
25	27,134	-725	5	726	80	31	541	503	59
26	26,970	-164	1	992	80	31	542	308	-115
27	26,762	-208	0	929	85	36	542	75	-296
28	27,806	1,044	0	1,764	95	52	749	120	-221
29	27,409	-397	0	1,260	94	52	749	524	-41
Total		-1,108	6	35,115	2,192	617	12,352	18,609	-1,910
Mean cfs		---	0	1,209	75	20	414	646	-67
Acre-feet		-1,108	11	287,376	4,347	1,224	24,501	36,911	-221,512

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 773 AF to Pacheco W.D., 107 AF to the City of Dos Palos and 3,467 AF to San Luis Water District.

3/ Includes 61 AF to the City of Huron, 191 AF to the City of Avenal, 310 AF to the City of Coalinga, 0 AF City of Huron P&R @ 22R, 104 AF to Lemoore N.A.S. @ 29L, 1 AF to GWF @ 30L, 0 AF to Kings County @ 30L, 0 AF to Broadview WD @ 3L, 0 AF to DFG @ 4L, 0 AF to Pilobos Wildlife @ 4L, 0 AF to Mendota Water Fowl Habitat Area @ 6L, 0 AF DWR Water Truck @22R, 0 AF to DFG @ 7L, 0 AF Non-Project Water, 20,300 AF to Westlands Water District, and 3,534 AF to Pleasant Valley Pumping Plant.

Table 21. San Joaquin Field Division Plant Data

(in acre-feet)

February 2008

Date	Coastal Aqueduct					California Aqueduct			
	Las Perillas Pumping Plant	Badger Hill Pumping Plant	Devil's Den Pumping Plant	Bluestone Pumping Plant	Polonio Pass Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant
1	40	45	28	26	29	1,103	1,349	1,304	1,309
2	59	70	37	34	39	1,314	1,461	1,427	1,309
3	70	77	47	43	49	2,115	2,682	2,525	2,256
4	35	39	31	29	33	871	1,174	1,129	927
5	33	43	44	40	44	687	669	543	567
6	28	31	33	31	35	869	955	751	753
7	60	69	37	34	38	529	950	818	796
8	63	73	33	31	26	479	405	365	325
9	50	57	42	39	43	420	382	297	322
10	73	85	48	44	50	1,160	1,152	1,137	1,146
11	42	48	31	29	33	940	1,304	1,652	1,116
12	77	89	34	32	36	1,986	1,916	1,810	1,855
13	118	120	45	41	48	1,612	1,635	1,476	1,500
14	125	133	48	45	50	1,414	1,579	1,490	1,460
15	102	115	45	42	47	2,411	2,641	2,344	2,348
16	64	78	35	32	37	2,529	2,540	2,463	2,351
17	63	72	44	41	44	4,094	4,866	4,522	4,477
18	66	77	39	36	40	2,397	2,574	2,336	2,370
19	71	80	47	44	49	1,734	1,675	1,452	1,476
20	65	81	39	36	39	1,356	1,287	1,117	1,058
21	72	82	39	36	40	1,253	1,169	1,005	993
22	88	101	39	36	41	1,156	1,056	922	878
23	99	115	28	31	33	1,045	1,035	932	903
24	89	105	38	33	39	1,490	1,746	1,715	1,743
25	49	54	30	28	31	1,055	1,064	933	854
26	54	64	42	39	43	839	801	720	693
27	85	94	45	42	45	682	475	389	406
28	81	92	34	32	36	675	565	510	513
29	102	121	43	40	44	1,329	1,569	1,494	1,500
Total	2,022	2,310	1,125	1,046	1,161	39,544	42,675	39,576	38,203

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

February 2008

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries								
	Beginning and Ending					Table A	USBR	Article 56C	Article 12E	Recovery	Other			
	No.	Structure	Mile											
7	21	Check No. 21	172.40		36,911									
8C	22			Empire West Side Irrig. Dist. TL - A	0									
				172.66	County of Kings TL - A									
				Tulare Lake Basin WSD TL-A	0									
				175.18	Dudley Ridge WD - 1									
				177.54	Dudley Ridge WD - 1B									
				180.64	Tulare Lake Basin WSD - C									
				180.65	Dudley Ridge WD - 1A									
				182.99	Dudley Ridge WD - 2									
				183.00	Tulare Lake Basin WSD TL - B									
				County of Kings TL-B	0									
31A				184.00	Dudley Ridge WD - Paramount									
8D				184.63	Coastal Branch	2,022								
				184.78	Dudley Ridge WD - 3	33								
				Dudley Ridge Reach 8D Total:	1,155									
				Tulare Lake Basin WSD Total:	34									
9	23			Check No. 22	184.82									
				189.69	Kern County Water Agency Lost Hills Water Dist. - 1	670								
				191.18	Kern County Water Agency Lost Hills Water Dist. - 2	20								
				194.22	Kern County Water Agency Lost Hills Water Dist. - 3	0								
				196.40	Kern County Water Agency Berrenda Mesa - 2	144								
				196.75	Kern County Water Agency Lost Hills Water Dist. - 4	31								
				KCWA Reach 9 Subtotal:	865									
				Check No. 23	197.05									
				201.24	Kern County Water Agency Lost Hills Water Dist. - 7	48								
				202.05	Kern County Water Agency Lost Hills Water Dist. - 5	146								
10A	24			204.69	Kern County Water Agency Lost Hills Water Dist. - 6	0								
				205.26	Kern County Water Agency Lost Hills Water Dist. - 8	0								
				Check No. 24	207.94									
				209.71	Kern County Water Agency Belridge Water Storage Dist. - 1A	1,012								
				209.78	Kern National Wildlife Refuge USBR (T228) BV-1B	2,266								
					Kern County Water Agency Buena Vista WSD 1B	0								
				209.80	KCWA Semitropic WSD	625								
					KCWA Semitropic WSD Penstocks	0								
					USBR Total:	2,266								
					KCWA Reach 10A Subtotal:	1,831								

1/ Includes 143 AF recovery of same contractor's pump-in and 527 AF recovery that was pumped in by Kern County Water Agency and stored in O'Neill.

2/ Recovery of water that was pumped in by Kern County Water Agency and stored in O'Neill.

3/ Santa Clara Valley Water District CVP water to Semitropic WSD for storage.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

February 2008

Reach No.	Operating Pool		Turnout	Total Diver-sions	Deliveries						
	Beginning and Ending				Table A	USBR	Article 56C	Article 12E	Recovery 2/	Other	
	No.	Structure	Mile								
11B	25		210.75	Kern County Water Agency Belridge - 2	0						
			214.11	Kern County Water Agency Belridge - 3	0						
			216.62	Kern County Water Agency Belridge - 4	0						
			217.13	Kern County Water Agency Belridge - 5	4,241					4,241	
				Kern County Water Agency Belridge - 5D	112					112	
		Check No. 25	217.79								
				KCWA Reach 11B Subtotal:	4,353	0	0	0	0	4,353	
12D	26		219.58	Kern County Water Agency Belridge - 6	0						
				Kern County Water Agency West Kern - 3	308					308	
		Check No. 26	224.92								
12E	27		230.37	Kern National Wildlife Refuge USBR (T235)	0						
				Kern County Water Agency Buena Vista - 6	0						
		Check No. 27	231.73								
			235.75	Kern County Water Agency Buena Vista - 2	0						
				Kern County WA CVC	0						
	28		238.04	Dudley Ridge WD CVC	0						
				Tulare Co.	0						
				Lower Tule River	0						
				Fresno Co.	0						
				Pixley ID	0						
				Hacienda DWR Wells	0						
		Check No. 28	238.11								
				1/ Arvin Edison Total:	0	0	0	0	0	0	
				Reach 12E Subtotal:	0	0	0	0	0	0	
13B	29		238.19	Kern Water Bank Inflow	0						
				Kern Water Bank Outflow	0						
			241.02	Kern River Intertie (inflow)	0						
			242.65	Kern National Wildlife Refuge USBR (T240)	0						
				KCWA Buena Vista WSD - 7	0						
			242.85	KCWA Buena Vista WSD - 5	0						
			243.09	Kern County Water Agency Buena Vista - 3	1,167						
		Check No. 29	244.54								
	30		249.85	Kern County Water Agency Buena Vista - 4	1,157						
			250.99	Buena Vista Pumping Plant	39,544						
				KCWA Reach 13B Subtotal:	2,324	0	0	0	0	2,324	
14A	31		254.47	Kern County Water Agency West Kern - 2	0						
			256.11	Kern County Water Agency Wheeler Ridge-Maricopa - 2	37					37	

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

2/ Recovery of water that was pumped in by Kern County Water Agency and stored in O'Neill.

3/ Santa Clara Valley Water District CVP water to Semitropic WSD for storage.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

February 2008

Reach No.	Operating Pool		Turnout	Total Diver-sions	Deliveries							
	Beginning and Ending				Table A	USBR	Article 56C	Article 12E	Recovery 1/	Other		
	No.	Structure	Mile									
14A	31	Check No. 31	256.14									
	32		258.61	Kern County Water Agency Wheeler Ridge-Maricopa - 3			242		242			
			260.44	Kern County Water Agency Wheeler Ridge-Maricopa - 4				261				
		Check No. 32	261.72									
				KCWA Reach 14A Subtotal:	540			0	540	0		
14B	33		264.42	Kern County Water Agency Wheeler Ridge-Maricopa - 5			1,464		1,464			
			266.91	Kern County Water Agency Wheeler Ridge-Maricopa - 6				109				
		Check No. 33	267.36									
	34		270.24	Kern County Water Agency Wheeler Ridge-Maricopa - 7			1,618		1,618			
			271.27									
				Reach 14B Total:	3,191			0	3,191	0		
14C	35		272.39	Kern County Water Agency Wheeler Ridge-Maricopa - 8			787		787			
			276.09	Kern County Water Agency Wheeler Ridge-Maricopa - 9				418				
			277.30	Kern County Water Agency Arvin-Edison WSD								
				Reach 14C Total:	1,205			0	1,205	0		
		Teerink Pumping Plant	278.13				42,675					
15A	36		279.02	Kern County Water Agency Wheeler Ridge-Maricopa - 9A			348		348			
			280.06	Kern County Water Agency Wheeler Ridge-Maricopa - 10				1,056				
				Reach 15A Total:	1,404							
								0	1,404	0		
16A	37	Chrisman Pumping Plant	280.36				39,576					
			282.06	Kern County Water Agency Wheeler Ridge-Maricopa - 11			0		14			
			283.95									
	38		285.01	Kern County Water Agency Wheeler Ridge-Maricopa - 12			14		15			
			286.39	Kern County Water Agency Wheeler Ridge-Maricopa - 13A								
			287.06	Kern County Water Agency Wheeler Ridge-Maricopa - 13								
		Check No. 38	287.09									
	39		287.62	Kern County Water Agency Wheeler Ridge-Maricopa - 13B			15		359			
			290.21									
	40		291.26	Kern County Water Agency Wheeler Ridge-Maricopa - 14			359		359			
			293.07	Kern County Water Agency Wheeler Ridge-Maricopa - 15								
				Kern County Water Agency Tehachapi Cummings WD								
				KCWA Reach 16A Subtotal:	388			0	388	0		
			293.45				38,203					
17E	Edmonston Pumping Plant											

1/ Recovery of water that was pumped in by Kern County Water Agency and stored in O'Neill.

Table 23. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

February 2008

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	USBR	Article 56C	Article 12E	Recovery		
	No.	Structure	Mile							Other	
31A	C-1	Coastal Branch Control	0.02		2,022						
		Las Perillas Pumping Plant	1.16		2,022						
	C-2		3.79	Green Valley Water District		0					
		Badger Hill Pumping Plant	4.27			2,310					
	C-3	Coastal Check No. 3	7.21								
	C-4		9.34	Castaic Lake WA (Devil's Den WD #1)		0					
		Coastal Check No. 4	9.34								
	C-5	Coastal Check No. 5	12.20								
			13.30	Kern County Water Agency Berrenda Mesa - 3		12				12	
	C-6		14.83	Kern County Water Agency Berrenda Mesa - 1		878				878	
				Kern County Water Agency Berrenda Mesa - PO		0					
		Devil's Den Pumping Plant	14.86			1,125					
				KCWA Reach 31A Subtotal:	890	0	0	0	890	0	
				KCWA Total:	17,299	0	0	0	14,350	2,949	
33A	C-7	Bluestone Pumping Plant	19.05		1,046						
	C-8	Polonio Pass Pumping Plant	26.54		1,161						
	C-9	Tank Site 1	27.81	(CCWA) Polonio Pass Treatment Plant							
	C-10	Shandon T.O.	38.23	Santa Barbara County (CCWA)		897					
		Tank Site 2	58.63	Central Coast:		0					
34	C-11	Chorro Valley T.O.	69.31	San Luis Obispo County (CCWA)		267					
		Energy Dissipater	78.12								
	Lopez T.O.		85.86	SLOCFC & WCD		0					
35	C-12			CCWA Total:		1,164	267	0	897	0	
		Guadalupe T.O.	102.70	SBCFC & WCD		0					
		Santa Maria T.O.	107.43	SBCFC & WCD		0					
	So. Cal. Water T.O.	109.20		SBCFC & WCD		0					
38				SBCFC & WCD Total:		0	0	0	0	0	
	Tank Site 5	115.42									

Table 24. Southern Field Division Plant Data

(in acre-feet)

February 2008

Date	West Branch					East Branch							East Branch Extension					
	Oso Pumping Plant	Warne Powerplant			Castaic Powerplant	Alamo Powerplant			Pearblossom Pumping Plant	Mojave Siphon Powerplant			Devil Canyon Powerplant Generation	Green Spot	Crafton Hills	Cherry Valley		
		Generation	Leakage	Gorman Crk. Improvement Channel	Generation 1/	Pumpback 1/	Generation	Bypass Through Plant		Tehachapi Afterbay Bypass	Generation	Leakage	Bypass Flume					
28	1	675	844	0	0	1,771	616	489	0	116	696	615	0	0	655	19	19	9
	2	719	834	0	0	0	0	631	0	0	497	536	0	0	988	0	0	8
	3	1,927	856	0	0	84	722	474	0	0	412	543	0	0	790	26	26	0
	4	484	643	0	0	1,312	532	245	0	298	457	281	0	0	644	14	14	9
	5	534	622	0	0	989	0	0	0	0	275	0	0	0	630	26	26	13
	6	616	632	0	0	944	0	275	0	0	0	0	0	0	647	25	25	14
	7	608	624	0	0	945	0	85	0	0	139	0	0	0	635	19	19	13
	8	0	0	0	0	449	0	240	0	0	0	111	0	0	739	22	22	12
	9	106	0	0	0	1,957	0	328	0	0	319	401	0	0	551	0	0	12
	10	0	0	0	0	761	0	985	0	0	927	1,039	0	0	744	26	26	9
	11	0	0	0	0	305	0	1,201	0	0	1,071	1,259	0	0	1,091	33	32	11
	12	0	0	0	0	307	0	1,692	0	0	1,526	1,411	0	0	1,499	33	33	11
	13	0	0	0	0	68	573	1,636	0	0	1,508	1,454	0	0	1,623	29	29	11
	14	0	1,188	0	0	280	793	1,552	0	0	1,507	1,473	0	0	1,916	30	30	11
	15	0	1,122	0	0	379	407	2,242	0	0	2,270	2,158	0	0	1,587	27	27	11
	16	380	1,210	0	0	387	0	1,967	0	0	1,853	2,164	0	0	1,253	0	0	0
	17	2,616	1,790	0	0	415	540	1,907	0	0	1,732	1,580	0	0	1,315	27	27	11
	18	881	0	0	0	1,091	589	1,383	0	0	998	779	0	0	1,373	26	26	10
	19	317	0	0	0	2,578	0	1,174	0	0	1,080	1,376	0	0	1,356	39	39	10
	20	107	0	0	0	3,609	0	962	0	0	936	811	0	0	1,378	39	39	11
	21	0	0	0	0	3,377	0	955	0	0	934	1,003	0	0	1,463	32	32	11
	22	108	0	0	0	4,941	0	674	0	0	669	475	0	0	1,292	32	32	11
	23	111	0	0	0	1,909	0	729	0	0	668	674	0	0	758	0	0	11
	24	0	0	0	0	1,025	0	1,673	0	0	1,659	1,625	0	0	697	26	26	6
	25	28	0	0	0	2,126	0	1,076	0	0	1,085	866	0	0	991	38	38	12
	26	165	0	0	0	2,598	0	847	0	0	482	493	0	0	1,018	38	38	14
	27	0	0	0	0	1,908	662	418	0	0	341	264	0	0	1,176	31	30	9
	28	0	0	0	0	2,187	847	319	0	0	346	421	0	0	1,150	31	31	14
	29	0	0	0	0	2,956	539	1,581	0	0	1,513	1,292	0	0	1,248	33	33	15
Total	10,382	10,365	0	0	41,658	6,820	27,740	0	414	25,900	25,104	0	0	31,207	721	719	299	

1/ Values supplied by LADWP, not verified by DWR.

Table 25. Pyramid Lake
Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

February 2008

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow				Outflow				Computed Losses (-) And Gains (+)
				Project			Natural	Project			Natural	
				Castaic Powerplant Pumpback 1/	Warne Power-plant	Gorman Creek Improv. Channel	Stream Flow	Castaic Powerplant Generation 1/	Recreation Deliveries	To Piru Creek	United Water Agency	
Jan 31	2573.09	163,640										
1	2572.70	163,149	-491	616	844	0	181	1,771	0	397	0	36
2	2573.71	164,422	1,273	0	834	0	181	0	0	246	0	504
3	2574.95	165,993	1,571	722	856	0	183	84	0	246	0	140
4	2574.79	165,790	-203	532	643	0	264	1,312	0	268	0	-62
5	2574.45	165,358	-432	0	622	0	197	989	0	248	0	-14
6	2574.12	164,940	-418	0	632	0	182	944	0	198	0	-90
7	2573.98	164,763	-177	0	624	0	199	945	0	248	0	193
8	2573.14	163,703	-1,060	0	0	0	269	449	0	248	0	-632
9	2571.79	162,008	-1,695	0	0	0	313	1,957	0	248	0	197
10	2571.18	161,246	-762	0	0	0	320	761	0	298	0	-23
11	2570.93	160,934	-312	0	0	0	335	305	0	298	0	-44
12	2570.67	160,610	-324	0	0	0	348	307	0	298	0	-67
13	2571.18	161,246	636	573	0	0	390	68	0	298	0	39
14	2572.71	163,161	1,915	793	1,188	0	449	280	0	298	0	63
15	2573.51	164,169	1,008	407	1,122	0	302	379	0	298	0	-146
16	2574.10	164,915	746	0	1,210	0	256	387	0	298	0	-35
17	2575.74	167,000	2,085	540	1,790	0	245	415	0	298	0	223
18	2575.30	166,439	-561	589	0	0	260	1,091	0	248	0	-71
19	2573.09	163,640	-2,799	0	0	0	267	2,578	0	248	0	-240
20	2569.95	159,716	-3,924	0	0	0	294	3,609	0	258	0	-351
21	2567.34	156,501	-3,215	0	0	0	299	3,377	0	298	0	161
22	2565.63	154,782	-1,719	0	0	0	287	4,941	0	298	0	3,233
23	2560.95	148,804	-5,978	0	0	0	314	1,909	0	323	0	-4,060
24	2560.23	147,952	-852	0	0	0	492	1,025	0	424	0	105
25	2558.26	145,635	-2,317	0	0	0	527	2,126	0	495	0	-223
26	2559.87	147,517	1,882	0	0	0	389	2,598	0	495	0	4,586
27	2554.21	140,940	-6,577	662	0	0	329	1,908	0	425	0	-5,235
28	2552.79	139,316	-1,624	847	0	0	315	2,187	0	356	0	-243
29	2550.22	136,402	-2,914	539	0	0	311	2,956	0	356	0	-452
Total			-27,238	6,820	10,365	0	8,698	41,658	0	8,955	0	-2,508

1/ Values supplied by LADWP, not verified by DWR.

Table 26. Elderberry Forebay

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

February 2008

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow			Computed Losses (-) And Gains (+)	
				Castaic Powerplant Generation 1/	Natural	Castaic Powerplant Pumpback 1/	To Castaic Lake			
				Natural	Project 1/					
Jan 31	1512.68	20,230								
1	1515.74	21,462	1,232	1,771	90	616	90	0	77	
2	1515.89	21,523	61	0	70	0	70	0	61	
3	1514.60	20,998	-525	84	62	722	62	0	113	
4	1511.33	19,700	-1,298	1,312	51	532	51	1,816	-262	
5	1512.17	20,029	329	989	40	0	40	631	-29	
6	1514.55	20,978	949	944	34	0	34	0	5	
7	1514.09	20,793	-185	945	31	0	31	1,076	-54	
8	1515.44	21,339	546	449	30	0	30	0	97	
9	1520.07	23,270	1,931	1,957	28	0	28	0	-26	
10	1518.74	22,707	-563	761	26	0	26	1,245	-79	
11	1515.64	21,421	-1,286	305	25	0	25	1,566	-25	
12	1516.46	21,757	336	307	25	0	25	0	29	
13	1515.30	21,282	-475	68	25	573	25	0	30	
14	1514.10	20,797	-485	280	25	793	25	0	28	
15	1514.26	20,861	64	379	23	407	23	0	92	
16	1515.22	21,250	389	387	23	0	23	0	2	
17	1514.82	21,087	-163	415	23	540	23	0	-38	
18	1512.34	20,096	-991	1,091	22	589	22	1,328	-165	
19	1511.24	19,664	-432	2,578	21	0	21	2,988	-22	
20	1512.96	20,341	677	3,609	24	0	24	2,908	-24	
21	1508.68	18,680	-1,661	3,377	25	0	25	5,013	-25	
22	1516.97	21,968	3,288	4,941	34	0	34	4,164	2,511	
23	1513.50	20,556	-1,412	1,909	30	0	30	746	-2,575	
24	1517.26	22,088	1,532	1,025	49	0	49	0	507	
25	1518.73	22,703	615	2,126	41	0	41	1,324	-187	
26	1515.16	21,225	-1,478	2,598	36	0	36	3,306	-770	
27	1513.69	20,632	-593	1,908	32	662	32	2,556	717	
28	1513.21	20,441	-191	2,187	27	847	27	1,507	-24	
29	1516.71	21,860	1,419	2,956	24	539	24	973	-25	
Total				1,630	41,658	996	6,820	996	33,147	-61

1/ Values supplied by LADWP, not verified by DWR.

Table 27. Castaic Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

February 2008

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow		Computed Losses (-) And Gains (+)	
				From Elderberry Forebay 1/		Natural	Deliveries	Released To Castaic Lagoon		
				Natural	Project					
Jan 31	1507.10	306,323								
1	1506.73	305,523	-800	90	0	99	937	0	-52	
2	1506.37	304,746	-777	70	0	81	795	0	-133	
3	1506.14	304,250	-496	62	0	103	666	0	5	
4	1506.81	305,696	1,446	51	1,816	86	665	0	158	
5	1507.18	306,496	800	40	631	71	674	0	732	
6	1506.62	305,286	-1,210	34	0	63	623	0	-684	
7	1506.86	305,804	518	31	1,076	56	706	0	61	
8	1506.54	305,113	-691	30	0	53	728	20	-26	
9	1506.18	304,336	-777	28	0	48	725	105	-23	
10	1506.45	304,919	583	26	1,245	45	714	105	86	
11	1506.81	305,696	777	25	1,566	43	760	105	8	
12	1506.34	304,681	-1,015	25	0	38	936	105	-37	
13	1505.81	303,539	-1,142	25	0	35	1,071	105	-26	
14	1505.25	302,336	-1,203	25	0	35	1,099	105	-59	
15	1504.58	300,899	-1,437	23	0	30	1,302	105	-83	
16	1503.86	299,360	-1,539	23	0	30	1,545	105	58	
17	1503.10	297,740	-1,620	23	0	27	1,570	105	5	
18	1503.01	297,548	-192	22	1,328	25	1,563	105	101	
19	1503.77	299,168	1,620	21	2,988	24	1,541	105	233	
20	1504.41	300,535	1,367	24	2,908	27	1,496	105	9	
21	1506.13	304,229	3,694	25	5,013	27	1,298	105	32	
22	1508.91	310,252	6,023	34	4,164	33	884	105	2,781	
23	1507.77	307,775	-2,477	30	746	27	234	105	-2,941	
24	1507.50	307,190	-585	49	0	51	663	105	83	
25	1507.77	307,775	585	41	1,324	48	833	105	110	
26	1506.98	306,054	-1,721	36	3,306	38	878	105	-4,118	
27	1509.61	311,783	5,729	32	2,556	33	1,064	105	4,277	
28	1509.85	312,308	525	27	1,507	30	1,084	105	150	
29	1509.82	312,242	-66	24	973	30	1,153	105	165	
Total				5,919	996	33,147	1,336	28,207	2,225	872

1/ Values supplied by LADWP, not verified by DWR.

Table 28. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

February 2008

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Structure			Table A	Rec.	Article 56C	Table A Transfer	Local	Recovery	
	No.	Structure	Mile									
29A	42	Oso Pumping Plant		1.49		10,382						
29F	W2	Quail Lake	5.02		Antelope Valley-East Kern Water Agency	Removed						
		Quail Lake Embankment	7.82		Antelope Valley-East Kern Water Agency	Stub						
29G		Warne Power Plant	14.07		(No flow through Gorman Creek Imp. Channel)	10,365						
29H	W3	Pyramid Lake			USFS							
					Pyramid Recreation (T300)	0						
29J	W4	Pyramid Dam	17.10		California State Park Piru Fish (T300)	0						
		Castaic Power Plant	25.82		(6,820 AF pumpback) 2/	41,658						
30 1/	W5	Castaic Lake			California State Park							
					Castaic Lake Recreation (T301)	2						
		Castaic Dam	31.47									
		Castaic Lake Outlet	31.55	MWDSC 78" & 132" (T302)	26,369							
				Castaic Lake WA 18", 24" & 54" (T303)	874							
				Castaic Lake WA Rio Vista T.P. (T304)	807							
				MWD-Ventura Co. WPD (T302)	155							
					0							
				Releases to Lagoon	2,225							
				Reach 30 Subtotal:	28,207							
	W6	Castaic Lagoon			California State Park	0						
					Recreation to Lagoon (T353)							
		Castaic Lagoon Outlet	31.87			1,630						

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value Supplied by LADWP, not verified by DWR

3/ Includes 909 AF of Kern Delta Recovery, 18,541 AF of Semitropic Recovery, and 5,758 AF of Arvin Edison Recovery.

Table 29. Silverwood Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

February 2008

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow					Computed Losses (-) And Gains (+)	Las Flores Ranch Exchange 1/	
				Mojave Siphon Power-plant	Mojave Bypass Flume	Natural Stream Flow	Delivered to CLAWA	Rec.	San Bernardino Tunnel	Del. To Mojave W.A.	Natural To Mojave River			
Jan 31	3353.98	73,978												
1	3354.07	74,065	87	615	0	117	5	0	655	0	0	15	7	
2	3353.79	73,794	-271	536	0	111	5	0	988	0	1	76	7	
3	3353.84	73,842	48	543	0	225	4	0	790	0	0	74	7	
4	3353.45	73,465	-377	281	0	255	4	0	644	0	36	-229	7	
5	3352.97	73,003	-462	0	0	146	5	0	630	0	79	106	7	
6	3352.50	72,551	-452	0	0	119	3	1	647	0	31	111	7	
7	3351.96	72,035	-516	0	0	110	0	0	635	0	0	9	7	
8	3351.40	71,501	-534	111	0	109	9	0	739	0	1	-5	9	
9	3351.37	71,473	-28	401	0	109	5	0	551	0	0	18	11	
10	3351.71	71,796	323	1,039	0	104	5	0	744	0	1	-70	11	
11	3351.93	72,006	210	1,259	0	102	5	0	1,091	0	0	-55	11	
12	3351.98	72,048	42	1,411	0	107	3	1	1,499	0	1	28	11	
13	3351.82	71,901	-147	1,454	0	112	4	0	1,623	0	0	-86	11	
14	3351.71	71,796	-105	1,473	0	110	5	0	1,916	0	1	234	11	
15	3352.05	72,121	325	2,158	0	92	5	0	1,587	0	30	-303	11	
16	3353.09	73,118	997	2,164	0	86	4	0	1,253	0	80	84	11	
17	3353.45	73,465	347	1,580	0	79	3	1	1,315	0	80	87	11	
18	3352.86	72,897	-568	779	0	74	4	0	1,373	0	80	36	11	
19	3352.86	72,897	0	1,376	0	73	4	0	1,356	0	79	-9	11	
20	3352.47	72,523	-374	811	0	90	5	0	1,378	0	79	187	11	
21	3351.85	71,930	-593	1,003	0	102	4	0	1,463	0	79	-152	11	
22	3351.51	71,606	-324	475	0	272	3	1	1,292	0	79	304	11	
23	3351.40	71,501	-105	674	0	242	4	0	758	0	79	-180	11	
24	3352.97	73,003	1,502	1,625	0	414	4	0	697	0	79	243	11	
25	3352.97	73,003	0	866	0	298	4	0	991	0	77	-91	11	
26	3352.50	72,551	-452	493	0	193	4	0	1,018	0	77	-39	11	
27	3351.63	71,720	-831	264	0	166	4	0	1,176	0	77	-4	11	
28	3350.98	71,102	-618	421	0	153	4	0	1,150	0	79	41	11	
29	3351.15	71,264	162	1,292	0	135	4	0	1,248	0	56	43	11	
Total				-2,714	25,104	0	4,305	123	4	31,207	0	1,263	474	286

1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Streamflow.

Table 30. Lake Perris

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

February 2008

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow 2/	Computed Losses (-) Gains (+) 1/
Jan 31	1561.86	72,346				
1	1561.81	72,254	-92		152	
2	1561.81	72,254	0		102	
3	1561.87	72,366	112		46	
4	1561.87	72,366	0		46	
5	1561.87	72,366	0		45	
6	1561.81	72,254	-112		51	
7	1562.16	72,906	652		6	
8	1561.87	72,366	-540		5	
9	1561.87	72,366	0		98	
10	1561.87	72,366	0		105	
11	1562.20	72,980	614		109	
12	1562.20	72,969	-11		79	
13	1562.34	73,242	273		6	
14	1562.31	73,186	-56		5	
15	1561.87	72,366	-820		6	
16	1561.87	72,366	0		6	
17	1561.87	72,366	0		5	
18	1561.87	72,366	0		5	
19	1562.39	73,335	969		6	
20	1562.34	73,242	-93		321	
21	1562.50	73,541	299		5	
22	1562.39	73,335	-206		6	
23	1562.53	73,597	262		188	
24	1562.45	73,447	-150		55	
25	1562.39	73,335	-112		55	
26	1562.39	73,335	0		262	
27	1561.87	72,366	-969		55	
28	1562.39	73,335	969		56	
29	1562.42	73,391	56		55	
Total			1,045	3,624	1,941	-638

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

Table 31. Governor Edmund G. Brown California Aqueduct
 Southern Field Division, Monthly Deliveries (East Branch)

February 2008

(In acre-feet)

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		No.			Table A	Recreation	Article 56C	Table A Transfer	Local	Recovery	
	No.	Structure	Mile									
17E	40	Edmonston Pumping Plant	293.45		38,203							
	41		298.65	KCWA Tej.-Cas	Stub							
17F		Check No. 41	303.41									
18A	42		304.99	AVEK WA-Temp for TEA construction (T389)	0							
		Check No. 42	304.99									
19	43	Alamo Powerplant	305.73	(Includes 27,740 AF generation, 0 AF plant bypass, and 414 AF Tehachapi bypass)	28,154							
			306.71	AVEK 305th Street West (T287)	0							
			308.05	AVEK 294th Street West (T267)	0							
	Check No. 43	309.70										
	44		311.84	LADWP Connection	0							
			313.50	AVEK 245th Street West (T269)	0							
	Check No. 44	314.81										
	45		314.93	AVEK 235th Street West (T270)	0							
			315.57	AVEK 225th Street West (T271)	0							
	Check No. 45	319.74										
20A	46		323.19	Antelope Valley-East Kern WA Fairmont (T272)	430							
				Mojave Water Agency Fairmont (T272)	41							
		Check No. 46	323.84									
				Reach 19 Total:	471							
	47	Check No. 47	326.77									
	48		326.91	Antelope Valley-East Kern WA Willow Springs (T273)	23							
			329.65	Antelope Valley-East Kern WA 120th Street West	Removed							
	Check No. 48	330.82										
	49	Check No. 49	335.93									
20B	50		336.73	Antelope Valley-East Kern WA Quartz Hill (T274)	641							
			339.68	Antelope Valley-East Kern WA Rancho Vista (T275)	11							
		340.92	AVEK WA-Temp (T387)	0								
	Check No. 50	341.51										
	51		342.06	AVEK WA-Temp (T386)	0							
	Check No. 51	342.07										
	52		342.95	AVEK 30th Street West (T414)	0							
	Check No. 52	343.74										
	53		346.98	Palmdale WD (T276) Temp.	72							
			348.14	Antelope Valley-East Kern WA Acton Treatment Plant (T277)	0							
21	Check No. 53	348.17										
			349.52	Palmdale WD (T394) Temp.								
	54	Check No. 54	350.25									
	55	Check No. 55	352.70									
	56	Check No. 56	354.76									
	57		354.97	AVEK WA- Delivered through	0							
			354.97	Palmdale WD (T276)	0							
			354.97	Palmdale WD (T391)	0							
22A	Check No. 57	356.93										
	58		357.60	AVEK 95th Street East (T279)	0							
			357.72	AVEK 96th Street East (T280)	0							
			359.76	AVEK East Side Treatment Plant (T281)	107							

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

February 2008

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries							
	Beginning and Ending				Table A	Recreation	Article 56C	Article 12E	Table A Transfer	Local	Recovery	
	No.	Structure	Mile									
22B	58	Pearblossom Pumping Plant	360.61		25,900	282	300	1/ 286	4	33	90	
	59	Check No. 59	366.09									
	60		366.50	AVEK Big Rock Siphon (T368)	0							
	61	Check No. 60	373.94									
	62	Check No. 61	379.00									
	63	Check No. 62	384.26									
	64		389.20	Mojave Water Agency White Road 24" & 42" (T282)	282							
	65	Check No. 63	395.10									
	66	Check No. 64	400.32									
23			401.10	Mojave Water Agency Morongo 24" & 42" (T284)	300	300	1/ 286	4	33	90		
		Check No. 65	403.41									
24		Mojave Siphon	405.58	Las Flores Ranch Exchange	286	4	33	90				
		Mojave Siphon Powerplant	405.65		25,104							
25		Silverwood Lake	407.65	MWA CS DAM (T288)	0	21	1,289	3/ 1,405	4/ 71			
				California State Park Silverwood (T288)	4							
26A	26	San Bernardino Intake Tunnel	407.70	CLAWA State Project Water (T289)	0	4,245	7,985	3/ 1,405	4/ 71			
				Non-Project Water (T289)	123							
28G	28H	Santa Ana Valley Pipeline	412.73		31,207	2/ 266	338	3/ 1,405	4/ 71			
				MWD-Rialto (T292)	21							
				MWD-Rialto (T293)	1,289							
				Desert Water Agency Transfer (T293)	4,245							
				Coachella Valley WD Transfer (T293)	7,985							
				MWD EBX-1 (T290)	0							
				MWD EBX-1 (T291)	4,057							
				East Branch Extension	5/ 1,742							
28J	28K	Lake Perris	442.00	425.46		161	1,780	3/ 1,405	4/ 71			
				433.06	MWD-SC Box Springs (T295)							
					Desert Water Agency Transfer (T295)							
				440.05	Coachella Valley WD Transfer (T295)							
28L	28M	Lake Perris	443.44	442.00	MWD-SC Perris Bypass Pipeline (T296)	5,278	1,780	3/ 1,405	4/ 71			
					MWD-SC (T297)							
				443.44	MWD-SC 54" & 78" (T299)							
					Calif. State Park Lake Perris Recreation (T298)							
					MWD Total:	54,794	29,586	0	0	0	0	25,208

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

2/ Includes 3 AF to San Gabriel Valley MWD and 263 AF to San Gorgonio Pass WA.

3/ San Bernardino Valley MWD

4/ San Gorgonio Pass WA

5/ Also includes 3 Af of General Conveyance and a 3 AF credit.

Table 32. Water Quality At Selected SWP Locations

February 2008

Constituent	Units	Thermalito Afterbay At Outlet	North Bay Aqueduct Barker Slough Pumping Plant	Delta Mendota Canal At McCabe Rd.	California Aqueduct					
					Banks Pumping Plant	O'Neill Forebay Outlet (Check 13)	Kettleman City (Check 21)	Near Hwy 119 (Check 29)	Tehachapi Afterbay (Check 41)	Devil Canyon Headworks
Alkalinity	mg/l as CaCO ₃	42	101	115	76	79	88	84	91	73
Antimony	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NR	NR
Arsenic	mg/l	<0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003
Beryllium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	0.2	0.5	0.2	0.2	0.3	0.2	0.2	0.2
Bromide	mg/l	<0.01	0.06	0.34	0.16	0.19	0.35	0.30	0.32	0.24
Calcium	mg/l	9	18	44	24	27	30	30	27	24
Chloride	mg/l as C	<1	59	112	55	64	109	93	100	74
Chromium	mg/l as C	<0.001	0	0	0	0	0	0	0	0
Copper	mg/l	<0.001	0	0	0	0	0	0	0	0
Fluoride	mg/l	<0.1	NR	NR	NR	NR	NR	NR	NR	NR
Hardness	mg/l	39.000	123.000	209.000	118.000	129.000	153.000	137.000	132.000	97.000
Iron	mg/l	<0.005	0	0	0	0	0	0	0	0.0
Lead	mg/l as CaCO ₃	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	4.000	19.000	24.000	14.000	15.000	19.000	15.000	14.000	9.000
Manganese	mg/l	<0.005	0.034	0.008	0.010	<0.005	<0.005	<0.005	<0.005	0.117
Nitrate + Nitrite	mg/l	0	0	NR	2	2	2	2	1	1
Organic Carbon, Dissolved	mg/l	NR	9.800	5.300	6.500	6.900	4.500	3.500	2.800	0.000
Organic Carbon, Total	mg/l as N	NR	9.90	5.40	6.60	6.90	4.50	4.00	2.90	0.00
Phosphate-Ortho	mg/l as P	<0.01	0.16	NR	0.09	0.12	0.09	NR	0.05	0.03
Phosphorus-Total	mg/l	0.04	0.27	NR	0.14	0.17	0.10	0.10	0.05	0.05
Selenium	mg/l	<0.001	<0.001	0.002	0.001	0.001	0.002	0.002	0.002	0.001
Sodium	mg/l	4	57	100	43	50	80	72	71	58
Specific Conductance	µS/cm	92	490	846	441	500	682	618	600	490
Sulfate	mg/l	2	47	112	47	55	65	64	55	43
Total Dissolved Solids	mg/l	55	287	493	267	296	381	343	340	271
Turbidity	NTU	3	77	13	17	20	5	5	3	1
Zinc	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

Table 33. Water Quality At Selected Delta Stations

February 2008

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Date	Antioch Tides (feet above mean sea level)		Flow In CFS		Rio Vista	Electrical Conductivity in milliSiemens/cm								Cl in mg/l Contra Costa Canal Intake	
			Net Delta Outflow Index			Antioch	Chippis Island	Emmaton		Jersey Point		Clifton Court	Cache Slough	Delta Mendota Canal	
	Highest High Tide	Actual High Half Tide	Mean Daily	Monthly Average		md	md	md	14dm	md	14dm	md	md	md	
1	5.65	3.92	39,087	39,087	27,485	0.38	0.24	0.17	0.26	0.31	0.37	0.47	0.33	0.48	73
2	5.82	4.06	35,593	37,340	25,931	0.36	0.21	0.18	0.25	0.30	0.36	0.47	0.46	0.47	84
3	6.65	4.79	35,512	36,731	25,351	0.34	0.23	0.20	0.24	0.30	0.35	0.45	0.29	0.45	75
4	5.90	4.07	40,962	37,788	27,413	0.33	0.20	0.22	0.24	0.29	0.34	0.45	0.42	0.48	66
5	5.80	3.83	39,292	38,089	26,349	0.32	0.19	0.21	0.23	0.28	0.33	0.51	0.55	0.53	66
6	5.89	3.81	38,291	38,123	26,386	0.31	0.19	0.20	0.23	0.27	0.33	0.49	0.63	0.54	64
7	5.69	3.68	37,094	37,976	25,693	0.31	0.18	0.19	0.22	0.27	0.32	0.61	0.73	0.54	66
8	5.48	0.59	31,796	37,203	22,810	0.30	0.18	0.18	0.22	0.26	0.31	0.55	0.78	0.54	60
9	5.27	4.26	26,499	36,014	19,657	0.30	0.18	0.18	0.21	0.26	0.30	0.48	0.82	0.49	53
10	5.13	3.55	24,018	34,814	18,050	0.30	0.17	0.19	0.20	0.26	0.30	0.47	0.78	0.49	52
11	5.37	3.50	21,001	33,559	16,429	0.30	0.17	0.21	0.20	0.26	0.29	0.56	0.78	0.53	52
12	5.62	3.54	18,612	32,313	14,872	0.30	0.18	0.22	0.20	0.26	0.28	0.57	0.77	0.54	56
13	5.96	3.78	16,666	31,110	13,555	0.30	0.19	0.23	0.20	0.26	0.28	0.44	0.79	0.51	52
14	5.81	3.65	15,894	30,023	13,087	0.31	0.20	0.24	0.20	0.27	0.28	0.47	0.77	0.54	50
15	6.13	3.85	15,258	29,038	12,539	0.31	0.32	0.25	0.21	0.27	0.27	0.42	0.79	0.54	48
16	6.12	4.03	13,854	28,089	11,897	0.32	0.40	0.25	0.21	0.27	0.27	0.41	0.83	0.54	45
17	6.21	4.08	13,288	27,219	11,222	0.33	0.46	0.26	0.22	0.27	0.27	0.45	0.84	0.55	45
18	6.25	4.08	13,078	26,433	10,508	0.34	0.59	0.26	0.22	0.27	0.27	0.44	0.85	0.58	44
19	6.24	4.18	11,992	25,673	9,750	0.34	0.65	0.27	0.22	0.27	0.27	0.45	0.84	0.60	45
20	6.08	4.07	11,946	24,987	9,550	0.35	0.65	0.27	0.23	0.27	0.27	0.51	0.86	0.63	40
21	6.03	4.16	12,507	24,392	10,150	0.36	0.81	0.27	0.23	0.27	0.27	0.40	0.86	0.68	33
22	5.93	4.22	12,421	23,848	9,854	0.38	1.01	0.27	0.24	0.28	0.27	0.53	0.84	0.58	38
23	5.55	4.12	13,206	23,386	10,029	0.39	0.85	0.27	0.25	0.28	0.27	0.54	0.84	0.70	30
24	6.20	5.42	15,468	23,056	10,910	0.42	1.64	0.27	0.25	0.28	0.27	0.53	0.64	0.54	32
25	5.80	4.04	21,426	22,990	15,886	0.36	0.58	0.26	0.26	0.28	0.27	0.68	0.38	0.64	35
26	5.50	3.64	28,508	23,203	19,782	0.33	0.37	0.25	0.26	0.28	0.27	0.57	0.50	0.62	37
27	5.45	3.71	35,019	23,640	23,807	0.32	0.27	0.24	0.26	0.28	0.27	0.57	0.62	0.61	36
28	5.56	3.83	35,788	24,074	24,236	0.32	0.24	0.21	0.26	0.28	0.28	0.57	0.69	0.59	37
29	5.58	3.96	34,258	24,425	22,931	0.31	0.22	0.18	0.25	0.28	0.28	0.49	0.75	0.53	33

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

N.R. = No Record.

N.C. = Not computed due to insufficient data.

f = Excess Delta conditions with fish concerns.

r = Excess delta conditions with export/inflow ratio concerns.

s = Balanced water conditions with storage withdrawals.

dm = Daily Mean

md = Mean Daily

Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP

February 2008

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/
North Bay Aqueduct At Barker Slough Pumping Plant	June 20, 2007	Duran	0.72
California Aqueduct At Banks Pumping Plant	September 17, 2007	2,4-D	0.30
O'Niell Forebay Outlet Check 13	September 19, 2007	2,4-D	0.40
Delta Mendota Canal At McCabe Road	September 17, 2007	2,4-D	0.60
California Aqueduct Near Kettleman City (Check 21)	September 18, 2007	2,4-D	0.30
California Aqueduct At Near Highway 119 (Check 29)	September 19, 2007	Dacthal (DCPA) 2,4-D	0.12 0.40
California Aqueduct at Tehachapi Afterbay (Check 41)	September 19, 2007	2,4-D	0.30
California Aqueduct At Devil Canyon Headworks	June 20, 2007	Simazine	0.05

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

Table 35. Oroville and Delta Field Divisions Energy Data

(in kWh)		February 2008						
Date	Oroville Thermalito Complex		Barker Slough Pumping Plant	Cordelia Pumping Plant Load	Banks Pumping Plant		South Bay Pumping Plant Load	Del Valle Pumping Plant Load
	Generation	Load			Total Load	SWP Load		
1	2,517,490	1,620	7,720	22,020	2,235,430	2,235,430	83,070	930
2	1,725,160	9,600	8,200	21,540	2,236,090	2,236,090	86,180	910
3	2,077,280	6,280	8,200	21,370	2,280,130	2,280,130	75,290	910
4	3,001,530	2,410	8,560	22,650	1,857,800	1,857,800	75,340	940
5	1,881,340	8,060	7,770	21,460	1,994,020	1,994,020	75,290	920
6	1,717,720	6,960	7,760	20,340	1,979,340	1,979,340	75,280	940
7	898,560	0	8,180	22,610	1,948,950	1,948,950	75,300	950
8	581,200	0	8,340	22,740	1,889,270	1,889,270	75,300	950
9	706,340	0	8,460	23,600	1,653,930	1,653,930	75,210	940
10	1,042,330	0	8,400	22,880	1,700,800	1,700,800	75,240	930
11	1,070,160	0	9,700	24,760	1,965,900	1,965,900	75,230	890
12	1,624,720	0	7,910	22,030	2,015,960	2,015,960	75,220	850
13	874,400	800	9,280	24,640	2,069,500	2,069,500	75,200	870
14	310,650	6,960	7,650	20,420	2,052,900	2,052,900	75,190	850
15	1,251,120	8,130	9,660	25,410	1,961,390	1,961,390	88,480	850
16	300,610	9,270	9,240	24,980	2,267,910	2,267,910	154,680	860
17	277,050	9,520	8,140	22,540	2,281,510	2,281,510	138,690	850
18	1,099,520	8,070	8,360	21,100	1,952,790	1,952,790	133,330	860
19	1,251,830	8,250	7,860	19,820	1,959,940	1,959,940	126,250	860
20	378,210	11,950	7,260	17,550	1,973,830	1,973,830	129,180	860
21	905,190	10,000	9,630	21,430	2,066,120	2,066,120	132,780	840
22	1,716,410	4,760	10,070	19,030	2,043,210	2,043,210	126,300	850
23	1,252,040	9,290	9,640	20,150	1,988,710	1,988,710	130,560	830
24	1,480,710	10,200	8,400	18,790	2,125,800	2,125,800	126,020	830
25	1,211,160	9,950	10,330	19,290	1,949,320	1,949,320	126,010	840
26	1,752,800	9,560	10,080	20,510	1,702,670	1,702,670	125,950	840
27	2,597,750	6,120	7,760	20,340	1,451,420	1,451,420	126,030	840
28	1,200,160	8,350	8,530	21,410	1,548,480	1,548,480	126,130	850
29	797,010	11,670	6,840	17,520	1,125,720	1,125,720	112,130	850
Total	37,500,450	177,780	247,930	622,930	56,278,840	56,278,840	2,974,860	25,490

Table 36. San Luis Field Division Energy Data

(in kWh)

February 2008

Date	Dos Amigos Pumping Plant		Gianelli Pumping-Generating Plant			
	Total Load	SWP Load 1/	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	71,160	71,160	0	0	4,710,130	2,122,130
2	169,020	169,020	0	0	5,431,460	2,843,460
3	230,080	230,080	0	0	6,640,190	3,952,190
4	141,900	141,900	0	0	4,127,780	2,009,780
5	130,150	130,150	0	0	5,234,060	3,586,060
6	147,870	147,870	0	0	3,833,060	1,879,060
7	367,200	367,200	0	0	3,152,260	1,144,260
8	211,090	211,090	0	0	3,097,490	1,937,490
9	171,040	171,040	0	0	3,689,890	1,949,890
10	382,900	270,900	0	0	2,518,100	488,100
11	241,800	129,800	0	0	2,517,830	487,830
12	465,760	353,760	0	0	3,680,400	1,940,400
13	532,910	420,910	0	0	3,847,220	2,107,220
14	381,170	269,170	0	0	3,493,300	1,949,300
15	688,000	576,000	0	0	1,489,400	235,400
16	693,480	581,480	0	0	596,100	20,100
17	885,630	765,630	0	0	2,067,880	1,291,880
18	397,750	285,750	0	0	1,629,120	1,047,120
19	371,870	259,870	0	0	1,760,450	1,760,450
20	302,700	190,700	0	0	2,022,280	2,022,280
21	354,920	242,920	0	0	2,075,650	2,075,650
22	250,750	82,750	0	0	2,764,260	1,718,260
23	256,550	88,550	0	0	2,172,270	1,396,270
24	385,360	217,360	0	0	3,017,040	2,241,040
25	209,570	41,570	0	0	3,030,930	2,254,930
26	282,310	114,310	0	0	2,858,200	2,276,200
27	267,420	99,420	0	0	2,825,900	2,825,900
28	496,330	328,330	0	0	2,378,470	2,378,470
29	360,930	192,930	850,650	-9,350	758,550	758,550
Total	9,847,620	7,151,620	850,650	-9,350	87,419,670	52,699,670

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

Table 37. San Joaquin Field Division Pumping Plant Energy Load Data

(in kWh)

February 2008

Date	Coastal Branch					California Aqueduct			
	Las Perillas	Badger Hill	Devil's Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	3,950	8,510	21,110	19,760	21,010	271,830	359,740	798,540	2,967,810
2	5,280	12,420	27,030	25,090	27,620	319,260	383,700	873,440	2,969,380
3	5,970	13,490	34,120	32,000	34,640	510,420	664,400	1,418,580	5,049,700
4	3,620	7,570	23,020	21,740	23,400	216,750	300,270	594,250	2,090,230
5	3,460	8,100	31,560	29,650	31,690	173,800	172,140	340,520	1,273,130
6	3,130	6,170	24,170	22,830	24,940	218,490	243,640	472,780	1,655,690
7	5,400	12,120	26,900	25,090	27,410	134,150	253,520	514,200	1,774,360
8	5,480	12,670	24,680	22,790	25,190	119,580	121,000	231,140	742,390
9	4,590	10,250	30,550	28,620	30,610	104,730	106,570	187,170	805,520
10	6,130	14,750	34,990	32,540	35,210	280,410	312,400	723,220	2,557,980
11	4,070	8,750	22,910	21,940	23,780	230,940	354,020	762,890	2,503,300
12	6,440	15,200	25,200	23,670	25,510	481,700	502,580	1,104,750	4,073,570
13	9,480	21,910	32,600	30,200	33,900	391,040	428,140	913,810	3,328,100
14	10,270	27,570	34,860	32,760	35,230	347,910	411,870	904,770	3,285,580
15	8,050	19,380	32,680	30,660	33,290	584,420	678,460	1,411,040	5,256,120
16	7,040	17,740	25,860	24,020	26,600	624,120	667,940	1,492,960	5,258,710
17	5,480	12,750	31,820	29,900	31,360	991,660	1,264,100	2,757,200	10,114,580
18	5,690	13,460	28,190	26,370	28,600	583,110	668,160	1,452,060	5,159,510
19	5,980	13,850	33,910	31,870	34,400	417,810	446,980	898,010	3,333,880
20	5,620	13,990	28,100	26,350	28,100	334,360	336,110	680,060	2,384,150
21	6,070	14,240	28,120	26,830	28,860	302,390	308,330	610,330	2,254,720
22	7,170	17,210	28,430	26,490	29,480	280,630	280,510	562,330	1,993,410
23	7,960	21,030	22,880	21,590	23,790	256,300	279,280	563,740	2,054,270
24	7,330	17,920	27,190	24,490	27,640	361,310	454,180	1,030,540	3,902,820
25	4,490	9,820	22,030	21,110	22,660	260,230	281,850	577,200	1,940,490
26	4,790	11,350	30,210	28,200	30,850	208,890	215,310	445,230	1,594,240
27	6,830	16,040	32,460	31,080	32,120	169,610	132,190	247,560	947,030
28	6,570	15,660	25,220	23,810	25,940	167,010	156,980	336,500	1,175,770
29	8,060	20,240	31,350	29,380	31,240	327,120	417,930	926,450	3,363,360
Total	174,400	414,160	822,150	770,830	835,070	9,669,980	11,202,300	23,831,270	85,809,800

Table 38. Southern Field Division Energy Data

(in kWh)

February 2008

Date	West Branch			East Branch				East Branch Extension		
	Oso Pumping Plant Load	Warne Powerplant Generation	Castaic Powerplant SWP Generation /1	Alamo Powerplant Generation	Pearblossom Pumping Plant Load	Devil Canyon Powerplant Generation	Mojave Siphon Powerplant Generation	Green Spot Pumping Plant	Crafton Hills Pumping Plant	Cherry Valley Pumping Plant
1	185,861	514,500		49,881	484,716	777,739	44,600	12,885	16,301	488
2	197,901	508,030		65,200	350,209	1,214,834	38,202	1,473	595	563
3	510,327	513,920		50,494	294,875	951,978	33,525	17,531	21,947	675
4	129,921	391,470		24,110	326,491	759,266	16,861	9,753	11,678	563
5	147,267	382,080		20	205,085	741,584	0	17,855	22,095	535
6	166,228	383,400		26,117	16,520	761,165	0	17,590	21,619	506
7	166,069	384,420		6,220	108,006	748,507	0	12,817	16,341	450
8	8,208	0		22,834	15,484	887,282	7,417	15,321	19,020	431
9	35,089	0		35,947	227,836	668,018	28,441	1,375	476	441
10	8,406	0		110,127	636,899	927,670	67,801	17,403	22,105	422
11	7,851	0		135,028	739,541	1,354,589	89,844	21,509	27,602	441
12	7,851	0		192,514	1,028,455	1,862,174	103,817	21,666	27,790	431
13	7,772	0		184,227	1,020,798	2,008,772	114,142	19,623	24,933	413
14	7,881	725,950		171,657	1,025,703	2,335,206	115,071	19,672	24,883	478
15	11,465	690,440		263,736	1,529,930	1,962,500	160,334	17,953	22,939	544
16	106,554	727,170		230,459	1,246,680	1,526,503	155,568	1,404	506	553
17	687,139	1,074,670		223,487	1,174,357	1,613,153	122,300	16,470	22,661	535
18	235,802	0		156,290	669,641	1,675,227	51,444	16,293	22,165	441
19	89,594	0		131,220	735,424	1,670,441	106,576	23,306	32,910	469
20	34,089	0		109,246	628,804	1,682,991	57,061	22,972	32,404	544
21	9,703	0		109,672	642,652	1,813,538	78,165	19,328	26,917	516
22	38,109	0		78,392	463,998	1,596,311	35,680	19,299	26,907	563
23	38,624	0		85,433	460,708	902,739	45,411	1,414	526	506
24	10,297	0		197,963	1,134,048	825,999	132,160	16,343	22,125	431
25	17,010	0		123,991	743,639	1,204,272	67,375	22,874	32,027	516
26	50,267	0		93,513	337,248	1,239,933	38,242	24,268	32,106	469
27	7,574	0		42,850	240,927	1,440,694	16,792	19,309	25,866	460
28	9,941	0		30,261	243,101	1,407,249	33,109	19,358	25,955	431
29	11,495	0		173,823	1,029,103	1,510,255	98,962	20,851	28,177	431
Total	2,944,297	6,296,050	0	3,124,713	17,760,877	38,070,589	1,858,900	467,914	611,579	14,247

/1 Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations